A Dissertation on

STUDY OF PREVALENCE OF OBESITY IN 11 – 15 YEARS OF SCHOOL GOING CHILDREN

Dissertation submitted

In Partial Fulfillment of regulation for the award of

M.D. Degree in Pediatric Medicine

Branch - VII

COIMBATORE MEDICAL COLLEGE

COIMBATORE, April 2016

DECLARATION

I Declare that this dissertation entitled "**The Prevalence of Obesity in 11 – 15 Years of School Going Children**" has been conducted by me in Schools in Coimbatore District under the guidance and supervision of my guide Dr.V.Suganthi, M.D., DCH. It is submitted in part of fulfillment of the award of the degree of MD Pediatrics for the April 2016 examination to be held under The Tamilnadu Dr.M.G.R Medical University, Chennai. This has not been submitted previously by me for the award of any degree or diploma from any other university.

DATE :

PLACE:

DR.A.ARUNTHATHI

CERTIFICATE

Certified that this dissertation entitled " **Study Of Prevalence Of Obesity In 11 – 15 Years Of School Going Children"** is a bonafide work done by **Dr. A.Arunthathi M.D.,** Post graduate student of Pediatric Medicine, Coimbatore Medical College & Hospital, Coimbatore – 641018 during the academic year 2013 – 2016.

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Dissertation Topic : STUDY OF PREVALENCE OF OBESITY IN 11-15 YEARS OF SCHOOL GOING CHILDREN

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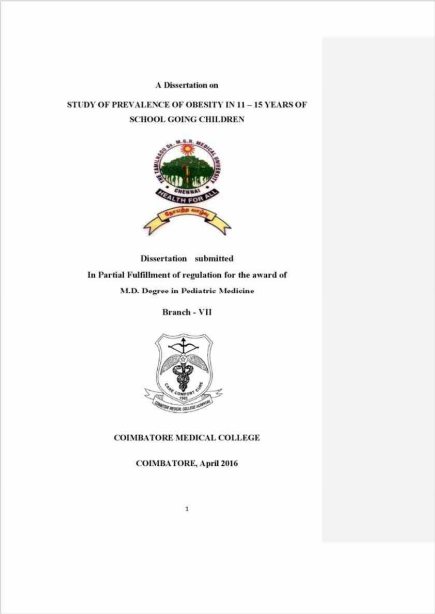

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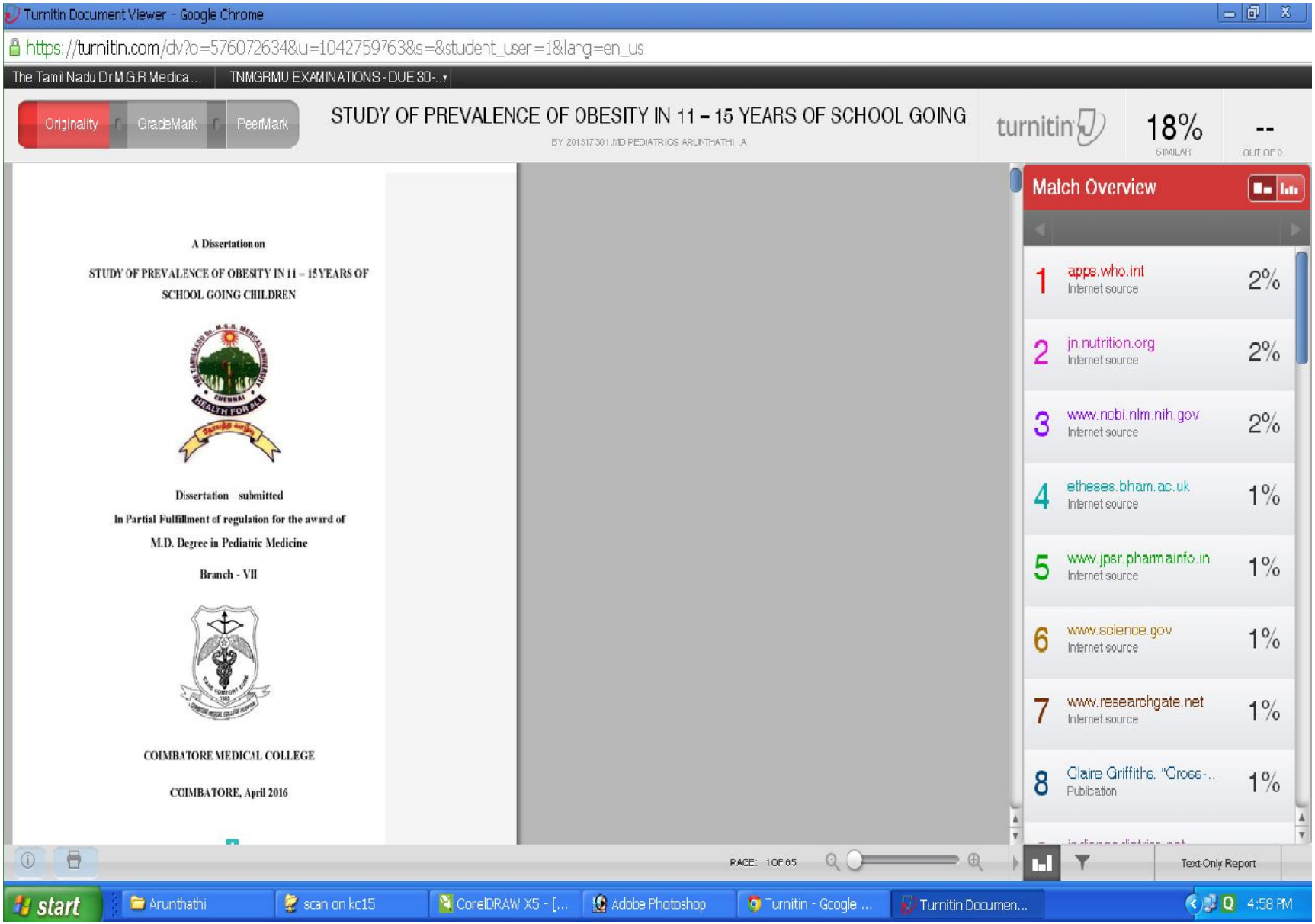
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DR. ARUNTHATHI

ABBREVIATION

WC	-	Waist Circumference
BMI	-	Body Mass Index
WHR	-	Waist Height Ratio
US	-	United State
UK	-	United Kingdom
NCD	-	Non Communicable Disease
NAFLD	-	Non Alcoholic Fatty Liver Disease
IOTF	-	International Obesity Task Force
WHO	-	World Health Organisation
CDC	-	Centre for disease control and prevention
CVD	-	Cardio Vascular Disease
SES	-	Socio Economic Status
NCHS	-	National Centre for Health Statistics

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BACK GROUND

Childhood obesity is emerging as a serious public health problem in both developed and developed countries. Hence there is wide spread concern in the increase of obesity as it is considered to be one of the precursors of adverse health effects occurring in adulthood. Various studies have documented the prevalence of obesity in both children and adolescents to be 12-29% in different parts of India. In this study the prevalence of obesity in Coimbatore District is estimated.

OBJECTIVE

PRIMARY OBJECTIVE

To estimate the prevalence of obesity in 11-15yrs of urban school children using body mass index, waist circumference and waist height ratio .

SECONDARY OBJECTIVE

To identify the risk factors for developing obesity

To compare BMI, waist circumference and waist height ratio in estimating the prevalence of obesity.

METHODOLGY

This study is a school based , descriptive, cross-sectional study, approved by the ethical committee of Coimbatore Medical Collage Hospital and informed consent was obtained. The total number of students of 11 - 15 years was obtained from the Coimbatore Educational Officer including Government and Private schools and the sample size was calculated based on the formula.

$n= t^2 * p(1-p)/m^2$.

Totally 850 students were included in the study after adding 10% to account contingencies and the sample strata was calculated to be 170 for each group from 11- 15 years. A multistage stratified random sampling procedure was adopted. Students with major dysmorphology or signs of physical deformity were excluded .

A Proforma was used to collect details which included the parents education and profession, students physical activity, food habits, screen viewing time , night sleeping and morning waking time. Socioeconomic status was calculated according to the Modified Kuppusamy Scale.

Weight, Height, Waist Circumference was measured as per WHO 2008.

According to BMI a student was considered obese is he/she was ≥ 27th Adult equivalent of IAP BMI Chart. According to Waist Circumference a student was considered obese is he/she was > 75 percentile of Waist

Circumference Chart : Smoothed and Weighted Age and Specific Waist Circumference Percentile Values (cm) for Indian Children 3-16 years of age, According to Waist Height ratio a student was considered obese is he/she was > 0.5 of : Smoothed and Weighted Age and Specific Waist Height Ratio Percentile Values (cm) for Indian Children 3-16 years of age,

RESULTS

From the study according to BMI 5% were obese, according to Waist Circumference 18% were obese, according to Waist Height Ratio 14% were obese.

Obesity is more in females in all ages with the p value of <0.05. Similarly private school children were more obese and obesity was more common, in parents profession who were semi skilled and business/agriculture. Obesity was more common in family with an income of Rs12000 - Rs 32000, and in socioeconomic status belonging to Class 2. The risk of being obese is seen in children who consume unhealthy food with a screen viewing time of more 3 hours and increased number of meals taken during that time. Children who play more indoor games and children who get up after 6am also have increased risk of being obese. The above said are all statistically significant.

CONCLUSION :

The total number of children from private school - 460 and the number of children from government school- 400. From this study, the prevalence according to BMI - 5 % are obese, WC- 18% are obese, WHR - 14% are obese. The overall prevalence of obesity in our study is within the same range as compared to other studies. The effect size by which waist circumference estimates obesity more than BMI is 14%.If obesity is estimated using only BMI, obesity may be underdiagnosed.

INTRODUCTION

Childhood obesity is emerging as a serious public health problem of the 21st century[1]. Hence there is widespread concern in the increase of overweight and obesity especially in children in developed and developing countries as it is considered to be one of the precursors of adverse health effects occurring in adulthood. In both developed and developing countries the prevalence of obesity is increasing and hence has become a major health issue. In both US and UK, the prevalence of obesity in children has increased significantly to about 16 – 20% [2.]. Until the 1980s, the developing countries were with the lowest rates, but now it has gradually increased in children.

Data for both overweight and obesity prevalence among children in many countries in South Asia is available: 25.0% among children from 2 to 15 years in Bangladesh and 22.0% among children from 5 to 19 years in India. Moreover, secular trends indicate increasing prevalence rates in these countries: for example, 9.8 to 11.7% among children from 5 to 19 years in India during 2006–2009[3, 4,5]. In recent times, developing countries have also reported an increasing incidence of obesity.

Various studies have documented the prevalence of obesity in both children and adolescents to be 12 – 29% in different parts of India [6,7]. Recently, Kumar et al. in a study on preschool children from urban south

India have reported that 4.5% of the children were overweight while 1.4% of them were obese[8]. However, most of these studies are region-specific and have a smaller sample size. To investigate the trend in obesity in Indian children, it is necessary to assess a large sample representing different regions of India.

There is a great need for studying obesity in Indians because of the fact that there is an increase in type2 diabetes and coronary heart disease in Indian adults, especially in urban areas[9]. This epidemic has been attributed to a thrifty genotype which had helped survival in the past when there was scarce and irregular food supply, and has now led to obesity and insulin resistance in modern days where there is excess and regular food supply [10]. Recent studies have shown that Indians for a given BMI have a higher percentage of body fat when compared with other white Caucasians, Americans, and African Indians and in addition also have lower muscle mass [11]. Thus the risk of adult morbidity especially cardiovascular and mortality that might follow childhood-onset obesity is considerably high and is of great significance to public health. So it is important that policy makers are aware and have information about the prevalence and trend of obesity.

Childhood obesity is thus a serious medical condition that affects children and adolescents. It occurs when children are well above the normal weight and height for his or her age. It is particularly troubling because the

extra kilograms gained lead to health problems in children that were once confined to adults, such as diabetes, high blood pressure, psychological issues and high cholesterol. It can also lead to poor self-esteem and even depression[12]. One of the best ways to reduce obesity in children is to improve the diet and exercise habits of the entire family. Thus Treating and preventing obesity in children, protect the health of them now and also in the future[13].

Obesity is now emerging as a common nutritional disorder, particularly among the affluent, worldwide. Obesity may be described as a condition which is characterised by excessive fat deposition in the body. It usually results when food is consumed in excess of one's physiological needs[14].

Obesity in general is defined as the presence of excessive adipose tissue in the body to such an extent that it may lead to health hazards (Prenticeet al.2001;Rossner 2002). It is not a single disease but a heterogeneous group of conditions associated with multiple causes. Thus body weight is determined by interactions between genetic environmental, psychological factors which act through physiological mediators of energy intake and energy expenditure. Even in India, malnutrition had attracted the focus of health workers because childhood obesity in children is increasingly being observed due to the changing lifestyle of the families who have an increased purchasing power, increasing hours of inactivity because addiction

to television, computer and videogames which have replaced outdoor games and other available social activities (Singh and Sharma 2005)

Globally, it is estimated than 10 percent of school children of 5-17 are overweight/obese (Childhood Obesity-the Global Picture 2006). The prevalence of obesity in children has increased over the past few decades and its statistics are alarming. The prevalence and etiology behind childhood obesity may vary according to an individual's lifestyle and socio-economic status. Most of the reports with regards to childhood obesity are from studies conducted at metropolitan cities in India[15].

In this study, obesity in 11-15 years of school children in Coimbatore district is estimated using BMI, WC and WHR. By estimating obesity through waist circumference, central obesity which is a well known risk factor for cardiovascular disease in adults is identified. The risk factors which are associated with increase of obesity is also studied. In this study the prevalence of obesity in Coimbatore when compared with other cities and prevalence of obesity in males, females, private and government schools, and other associated risk factors is studied.

AIM OF THE STUDY

To estimate the prevalence of obesity using Body mass index, waist circumference and waist height ratio of urban school children in the age group of 11 –15 years.

OBJECTIVE

PRIMARY OBJECTIVE

To estimate the prevalence of obesity in 11-15yrs of urban school children using body mass index, waist circumference and waist height ratio.

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To compare BMI, waist circumference and waist height ratio in estimating the prevalence of obesity

REVIEW OF LITERATURE

DEFINING CHILDHOOD OBESITY

Obesity is defined as excess adipose tissue in the body. Giving specific definition for obesity is difficult.[16.] According to IAP growth chart committee, BMI charts which are presented are based on methods used by IOTF[17]. The 23 and 27 cut offlines equivalent of adult overweight and obesity are much more appropriate for using in Asian children as Asians are predisposed to have more adiposity and also have increased risk for developing cardio metabolic problems at a lower BMI [18].

According to a study done in urban South Indian children aged 3-16 yrs by St.Johns National Academy Of Health Sciences, the 75th percentile of waist circumference is recommended to be used as an "action point" for Indian children to identify obesity until a large scale percentile data is available in India[19].

For the WHT ratio, the cut-off of 0.5 is recommended to identify obesity[20]. BMI is agreed to be used as a reliable indicator which correlates well with body fat estimation.

BMI : ESTIMATION IN CHILDREN

The use of BMI for defining overweight and obesity in children is more challenging than in adults as there is variation of BMI with age and sex[21], and its relationship to body fat is also unclear.

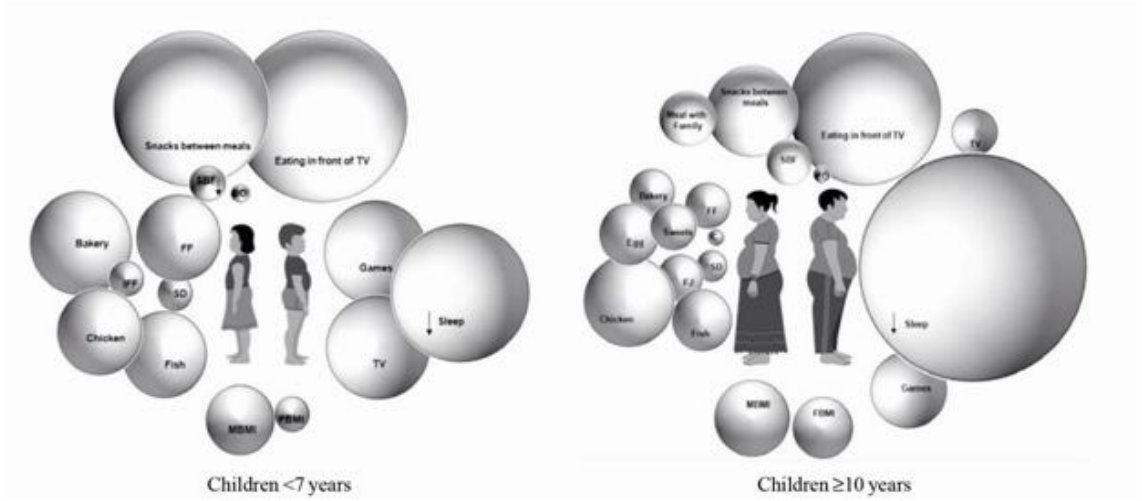
$$\text{BMI} = \frac{\text{WEIGHT IN KG}}{\text{HEIGHT IN M}^2}$$

It has also been suggested that the contributions of body fat and also fat free mass to BMI has changed over time, especially in children, thus resulting in an underestimation of the prevalence of obesity in epidemiological studies using only BMI[22,23.] Added to this, the association of BMI with later morbidity and mortality is also less clear in children when compared to adults in that there is no particular threshold of BMI above which children can be predicted to have an increased risk [24].

WAIST CIRCUMFERENCE IN CHILDREN:

To overcome the disadvantages of BMI, waist circumference can be used for estimation of obesity. WC correlates better with visceral adiposity in kids though it sometime increases because of subcutaneous fat deposition. There are many studies which show that waist circumference is a good predictor for CVD risk and other complications[25].

Figure : 1 Factors related to increasing waist circumference



WAIST HEIGHT RATIO IN CHILDREN:

WHR is also associated significantly for identifying obesity [26,27]. Some studies done in European and Asian children found the waist-to-height ratio to be superior to BMI in predicting the cardiovascular risks [28].

$$\text{WHR} = \frac{\text{WAIST CIRCUMFERENCE IN CM}}{\text{HEIGHT IN CM}}$$

Both the height and waist circumference increase continually in children as they age, the value of 0.50 was suggested to be an appropriate cut-off point for all age groups of children [29]. WHR is considered to be more sensitive than WC in different populations as it adjusts to different statures [96] and also because of the negative correlation of height and its association to certain metabolic risk factors [30]. The health risks for Asian children begin to increase even for smaller amounts of central fat and smaller waist

circumferences when compared with their European counterparts [31]. This explains the reason why there is a decrease in the WHR cut off used for Indian children.

The anthropometric indices which predict central obesity include WC, WHR and WAIST HIP RATIO. There are many studies which show these are associated with CVS and other metabolic diseases in children. In India measurement of waist circumference is not commonly practiced. Most of the studies based on central obesity and its indices and percentiles have been done in developed countries like Europe and US[32-35]. In Asia, especially in the Middle East and South East children WC percentile has been studied[36-38.] But in India especially in this part of the country data on this is scarce .This study estimates obesity in Coimbatore by using parameters like WC and WHR which predicts abdominal obesity when compared with BMI.

They are simple alternative measure and pediatric primary care practicians and use it for assessing central obesity[39].

CHILDHOOD OBESITY PREVALENCE:

THE GLOBAL PREVALENCE

The prevalence of obesity estimated across the world has increased in the last three decades and is now being recognized as a global threat to health[40,41,42] There could even be an underestimation because the availability and the

quality of prevalence estimates vary[43]. The prevalence of obesity in children is increasing rapidly worldwide[44]. We know that obesity is associated with several risk factors for later development of heart disease and other chronic diseases like hyperlipidaemia, hypertension, hyperinsulinaemia and early atherosclerosis[45,46]. The above said risk factors may operate through an association between child and development adult obesity and they may also act independently[47]. Worldwide, obesity trends are considered to be a serious public health concern because in many countries it is threatening the viability of the basic health care delivery system. Obesity is also an independent risk factor for the development of cardiovascular diseases and significantly increases both the risk of morbidity and mortality[48]. In the last two decades we have witnessed an increase in health care costs because of obesity and its related issues in both children and adolescents.

This has emerged as a global phenomenon which affects all socio-economic groups, irrespective of age, sex or ethnicity. Childhood obesity has thus become a serious public health challenge now and in the near future. Thus the prevalence of obesity is an upcoming major public health problem. Until the 1980s, the developing countries were with the lowest rates, but since then overweight and obesity prevalence have gradually increased in children. The global prevalence of overweight and obesity in children aged 5-17 years is 10% and this global average covers a wide range

of prevalence levels in different regions and countries with above 30% in America and below 2% in Sub Saharan Africa[49,50]. Further, projections in the year 2010 for estimated prevalence of overweight and obesity in school age children (aged 5-17 years) are at 46% in America and below 5% in Africa. For children between 5-17 years in this regional prevalence data on overweight and obesity are currently unavailable [51]. However, data for both overweight and obesity prevalence among children in different South Asia countries are available: 25.0% among children from 2 to 15 years in Bangladesh and 22.0% among children from 5 to 19 years in India. Moreover, secular trends indicate increasing prevalence rates in these countries: for example, 9.8 to 11.7% among children from 5 to 19 years in India during 2006–2009 [52]. In recent years, the increase in obesity has led this to become one of the major issues affecting the Indian health system.

Figure :2 Past and projected future overweight rates

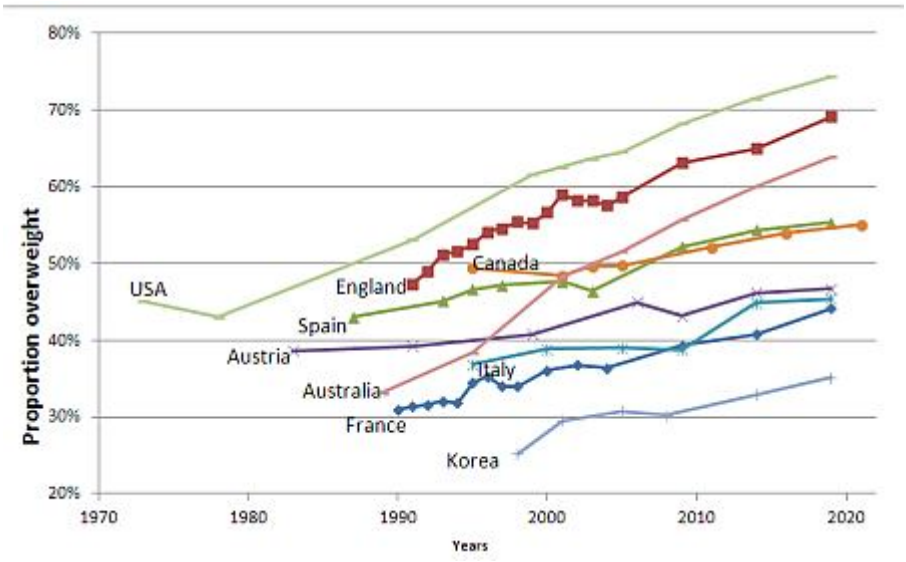
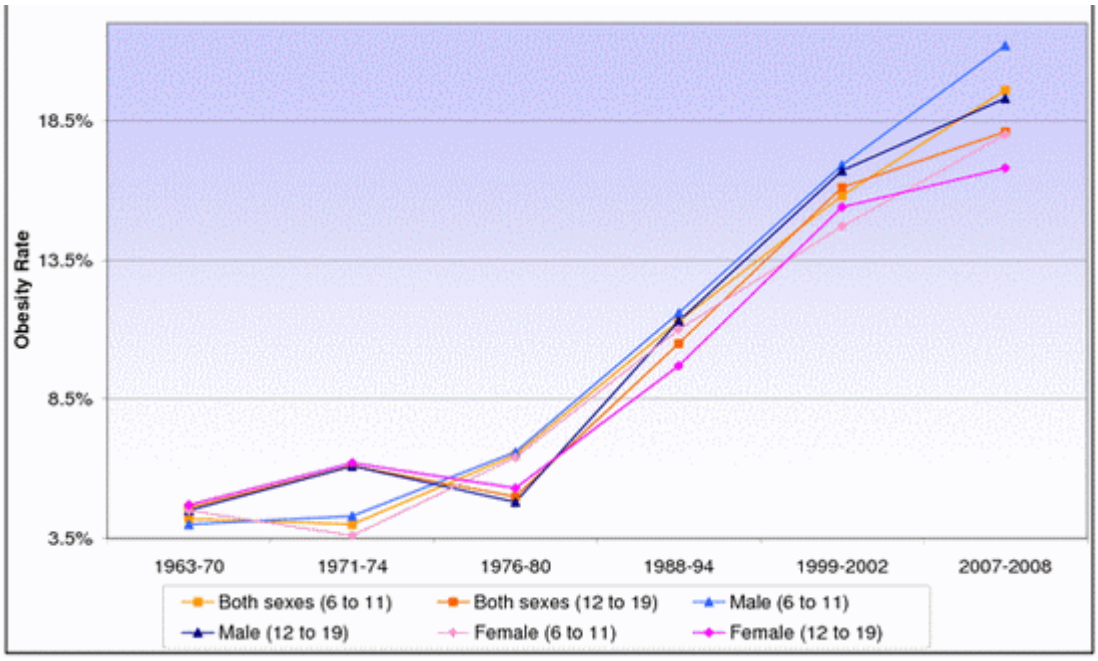


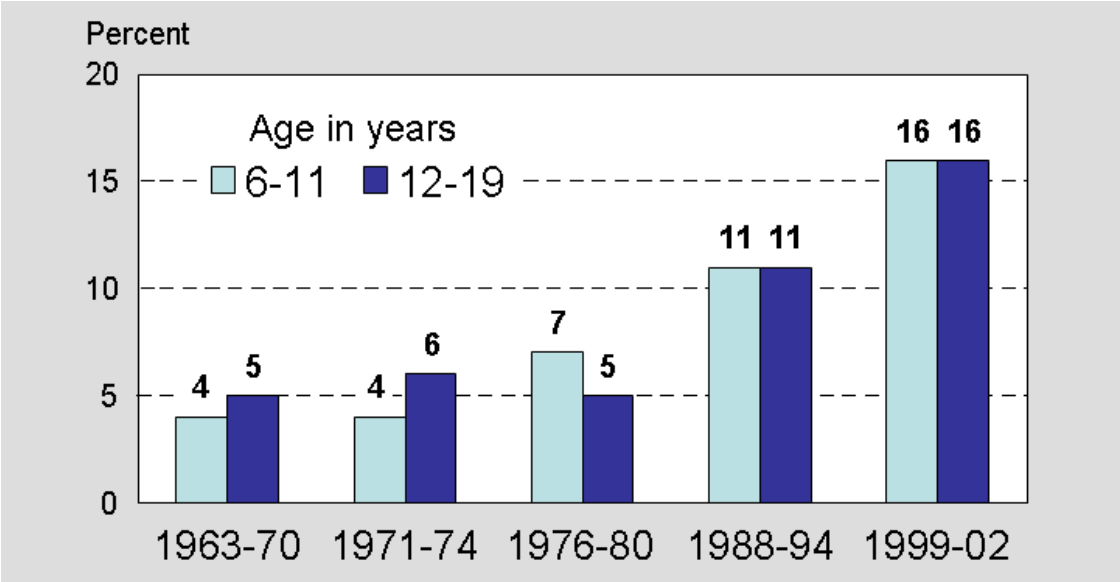
Figure : 3 Child Obesity Statistics



PREVALENCE IN INDIA:

Various studies have documented the prevalence of obesity in children and also in adolescents to be 12 – 29% from different parts of India [53,54]. Recently, Kumar et al. in a study on preschool children from urban south India have reported that 4.5% of children were overweight while 1.4% of children were obese.

Figure :4 Prevalence of Overweight among 6-19 Years



OBESITY IN CHILDREN AND SOCIO-ECONOMIC STATUS:

The relationship between obesity and socio-economic status (SES) rises across different population and is not consistent. In the developing world the increase in obesity in children is associated with increase in income and food availability and also when there is decrease income leading to unhealthy food practices and this shows a complex relationship between obesity and SES[55].

TRACKING OBESITY IN CHILDREN INTO ADULTHOOD:

Taken overall, the evidence based on research suggests that childhood obesity, which is established before adolescence, is a strong risk factor for development of adult obesity[56]. Hence we can logically conclude that preventing the development of obesity in childhood is essential and will have

a knock-on effect of reducing the risk of obesity in adulthood and obesity related other health consequences.

CHILDHOOD OBESITY AND ITS HEALTH CONSEQUENCES:

Obesity is associated with physical complications as described below and also psychological consequences[57].

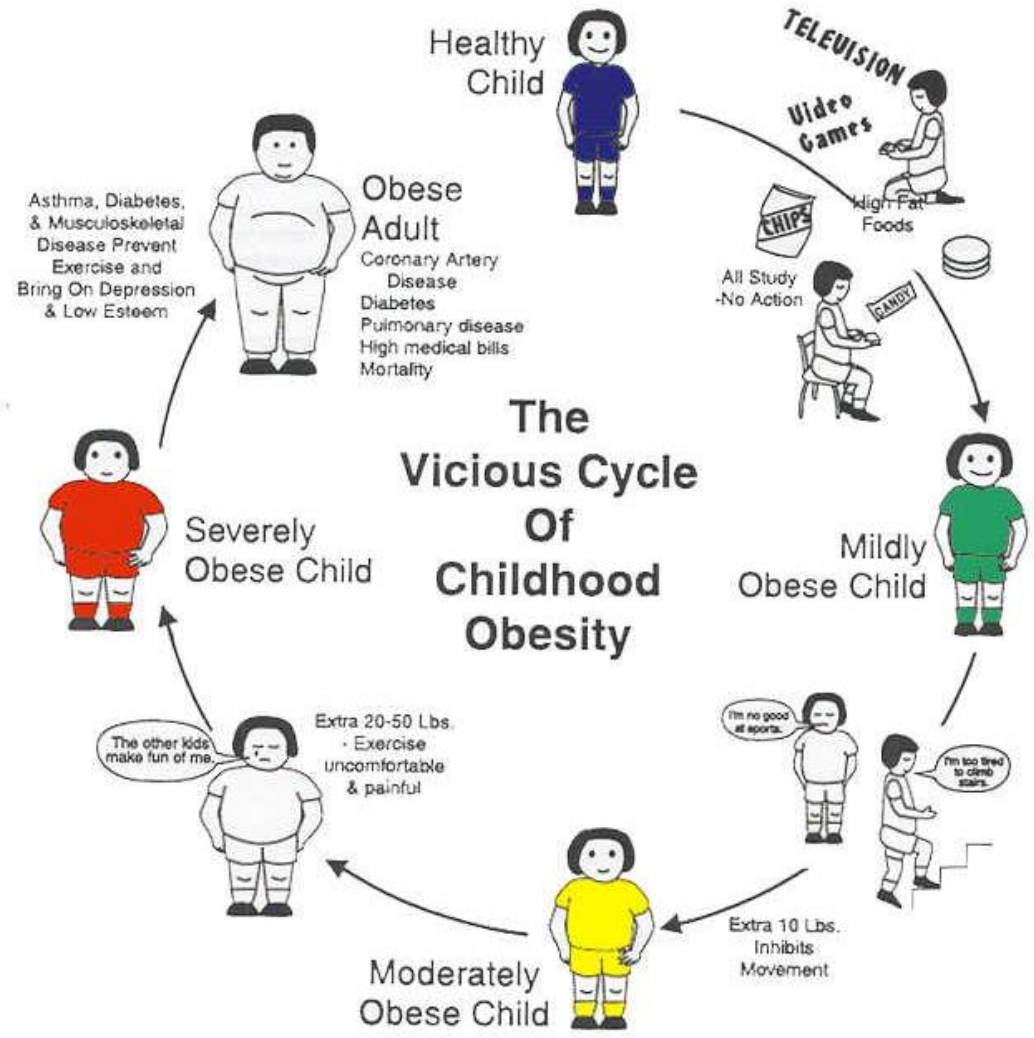
Table - 1 Physical health consequences of childhood overweight and obesity

Organ system	Condition
Cardiovascular	Hypertension Abnormal lipid profiles Atherosclerosis Left ventricular hypertrophy
Endocrine	Insulin resistance/abnormal glucose metabolism Type 2 diabetes Menstrual abnormalities Polycystic ovary syndrome
Gastroenterological	Nonalcoholic fatty liver disease Gastro-oesophageal reflux Gallstone development
Pulmonary	Asthma Sleep-associated breathing disorders
Orthopaedic	Slipped capital femoral epiphysis Genu valgum Tibia vara Flat feet Low back pain Scoliosis Osteoarthritis
Neurological	Idiopathic intracranial hypertension
Dermatological	Acanthosis nigricans

PSYCHO SOCIOLOGICAL STIGMA:

Many studies have found that children negatively stereotype overweight and obesity. Stigma such as criticism by parents, weight related teasing all lead to body dissatisfaction and poor self esteem[58].

Figure : 5 Vicious Cycle of Childhood Obesity



AETIOPATHOGENESIS OF CHILDHOOD OBESITY :

Aetiopathogenesis of obesity is multi-factorial and includes many factors like genetic, environmental, socio-cultural factors, neuroendocrine, metabolic and psychological[59].

There have been important developments and many factors which have evolved in controlling appetite like OrexinA, Ghrelin and other endogenous cannabinoids have been identified[60]. There is also a new concept called non exercise activity thermogeniens which provide us new perspectives on this energy expenditure. While adipose tissue is now being recognized as an important organ, by secreting leptin and other adipokines by which it communicates with brain and other peripheral tissues. Now adiponectin is considered to be a key hormone which is a protein factors released by white adipose tissues. Many cytokines and chemokines have been identified along with other inflammation related proteins as obesity also characterized by mild inflammation.

Leptin, a 16,000 MW cytokine-like protein, is a basic hormonal sign from adipocytes in the regulation of voracity and vitality parity, cooperating with a few hypothalamic orexigenic and anorexigenic pathways[61-64]. Consequently, the neuropeptide Y, melanin-concentrating hormone, orexin A, agouti-related peptide, and cannabinoid frameworks have each been accounted for to be repressed by leptin. Interestingly, the key anorexigenic

frameworks of master opiomelanocortin/ melanocortin, cocaine-and amphetamine-controlled transcript, and corticotrophin-discharging hormone are unregulated by the hormone. These different impacts of leptin result in a capable concealment of nourishment admission. Notwithstanding repressing admission, leptin assumes a part in the regulation of vitality use; a powerful illustration of this originates from overfeeding studies on typical and ob/ob mice. In one study, incline mice sustained a "cafeteria diet" gorged by 70% in vitality terms with no extra vitality affidavit; this is a capable outline of the quite faced off regarding marvel of eating regimen affected thermogenesis. Fortunately, in this specific study, the vitality admission of the incline mice bolstered the cafeteria eating regimen was the same as that of ob/ob mice sustained a standard lab diet[65].

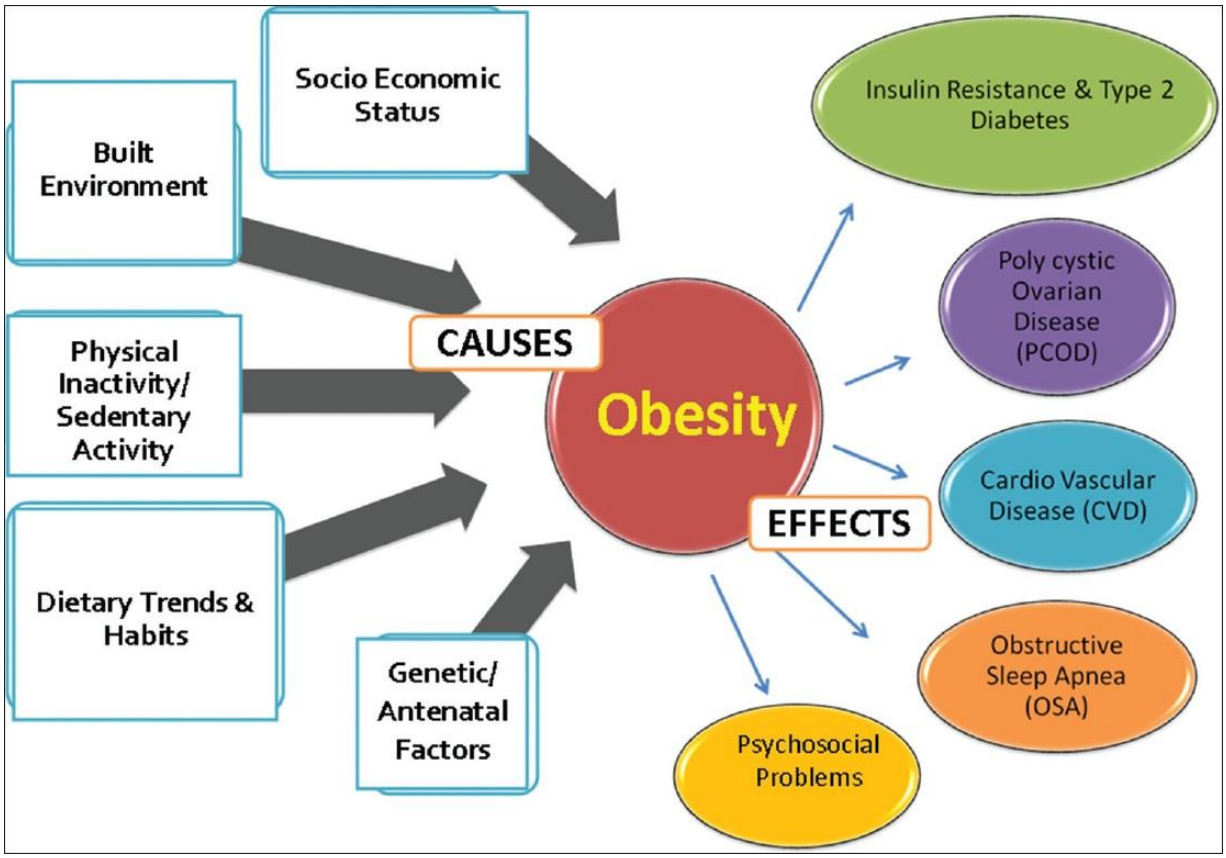
On the other hand, the rate of vitality testimony of the fat was 3 times that of the incline. In this manner, the ob/ob mutants lacking practical leptin had an enormously lessened limit for eating regimen incited thermogenesis. Adipokines, the ID of leptin prompted the acknowledgment that white fat is an imperative endocrine organ. For sure, it is currently obvious that white adipocytes emit a multiplicity of protein flags and variables termed adipokines. The differences of the adipokines are impressive, as far as both protein structure and capacity. The adipokines include established cytokines (e.g., TNF-cx, IL-6), chemokines (e.g., monocyte chemoattractant protein-1

[MCP-1]), proteins of the option complement framework (e.g., adipsin), and proteins included in vascular hemostasis (e.g., plasminogen activator inhibitor-1 [PAI-1]), the regulation of pulse (angiotensinogen), lipid digestion system (e.g., cholesteryl ester exchange protein, ret□inol tying protein), glucose homeostasis (e.g., adiponectin), and angiogenesis (e.g., vascular endothelial development variable [VEGF) typical LDL molecule.. Resistin is another hormone emitted by fat tissue, which brings about insulin resistance and weight related sort 11 diabetes. Leptin, the result of Ob quality has no part in the insulin resistance associated with heftiness. Heftiness does not come about because of a solitary element[66-68].

Social, behavioral and biologic variables control the vitality admission and consumption. Hereditary and hormonal elements add to individual weakness. It has been set up certain that an abdominal area fat conveyance presents a more prominent metabolic and wellbeing danger than a lower muscle to fat ratio dissemination. The part of FFA in the genesis of the metabolic disorder of stoutness has additionally been built up past doubt. Adipose tissue is presently given the status of an organ. It, truth be told, is having significant capacities than already suspected. It mirrors the store sustenance on board and absence of fat tissue is connected with diminished work productivity, menstrual and ripeness issue and psychosocial issues. The number and size of fat tissue increments amid growth and outset. This

proceeds in adolescence at a moderate pace. In adulthood, in many people, the fat tissue is generally stable. It is to be noted that fat tissue is likewise given the status of an endocrine organ. It secretes a 16 kD protein called leptin in extent to the size and number of fat cells. The OB quality encodes this protein. It courses bound to tying proteins and crosses the blood-cerebrum hindrance. It appends to OB receptors in the hypothalamus and choroids plexus and sends various signals that outcome in hunger regulation, nourishing conduct and upkeep of body weight. It additionally impacts quality expression and emission of neuropeptide Y (NPY). NPY is an intense stimulator of sustaining [69-70].

Figure : 6 Obesity Causes and Effects



BIOLOGICAL CAUSES:

A few percentage is said to be from identifiable causes such as hormonal, syndromic, neurological, or single gene defect conditions[71]. Apart from this some children display a genetic predisposition to obesity, which has been studied in few twins[72].

ENVIRONMENTAL CAUSES:

There is an indirect association between the environmental influence and the risk of developing obesity. Obesity rates are high in urban areas, because of the change in lifestyle such as deserved physical activity and increased consumption of food which is energy dense [73,74.] There also no safe are for children to play outside and the infracture do not support walking. The pressure on children to only study along with the decrease in physical education classes conducted in schools has also lead to an increase in obesity. These factors have become important in terms of public health action and many studies are now focusing on above explained parameters. Some studies have also explained that obesity is increasing in low income group also because they do not provide nutritious meal to children and they do not have access to fresh food[75]

PREVENTION OF OBESITY IN CHILDREN:

Some of the preventive measures adapted are limited consumption of sugar drinks, encouraging diets which are rich in fresh fruits and vegetables, limiting screen viewing time less than 2 hours per day, having a compulsory breakfast, family meal should be encouraged, increase in physical activity[76].

The below are some of the models used for prevention which are actat various levels

Figure : 7 Ecological Model for Health Promotion

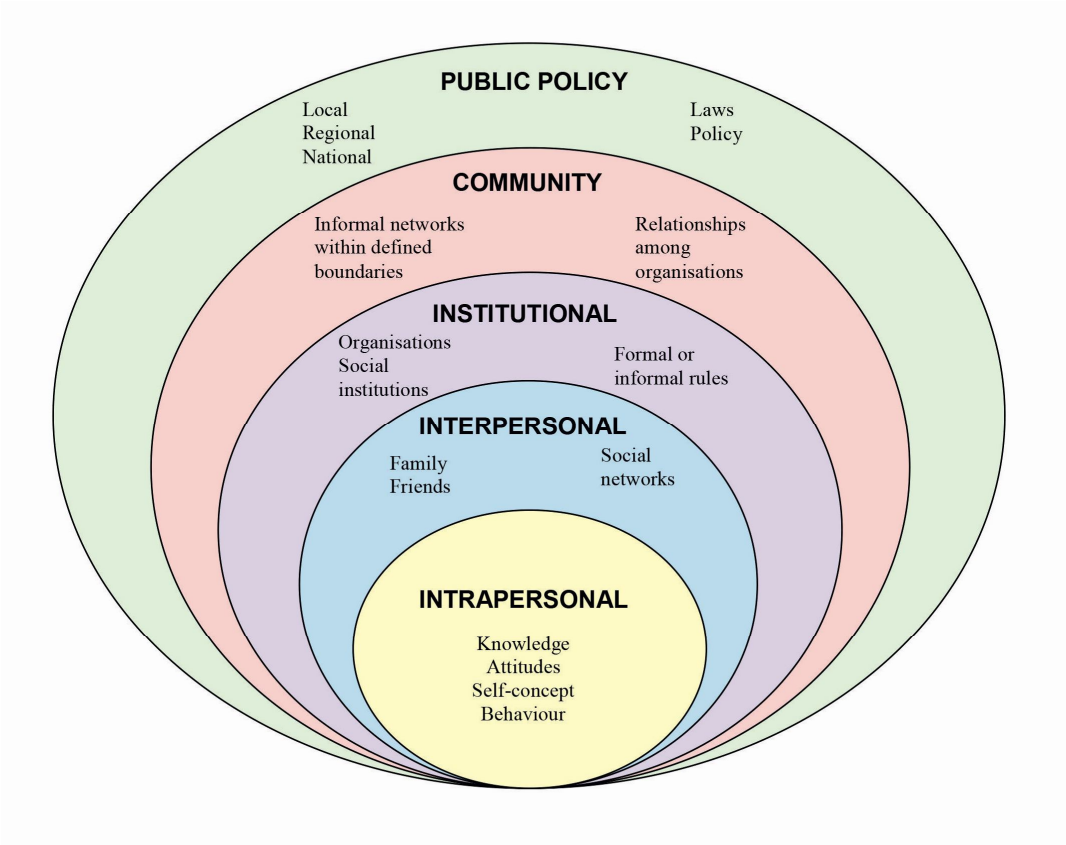
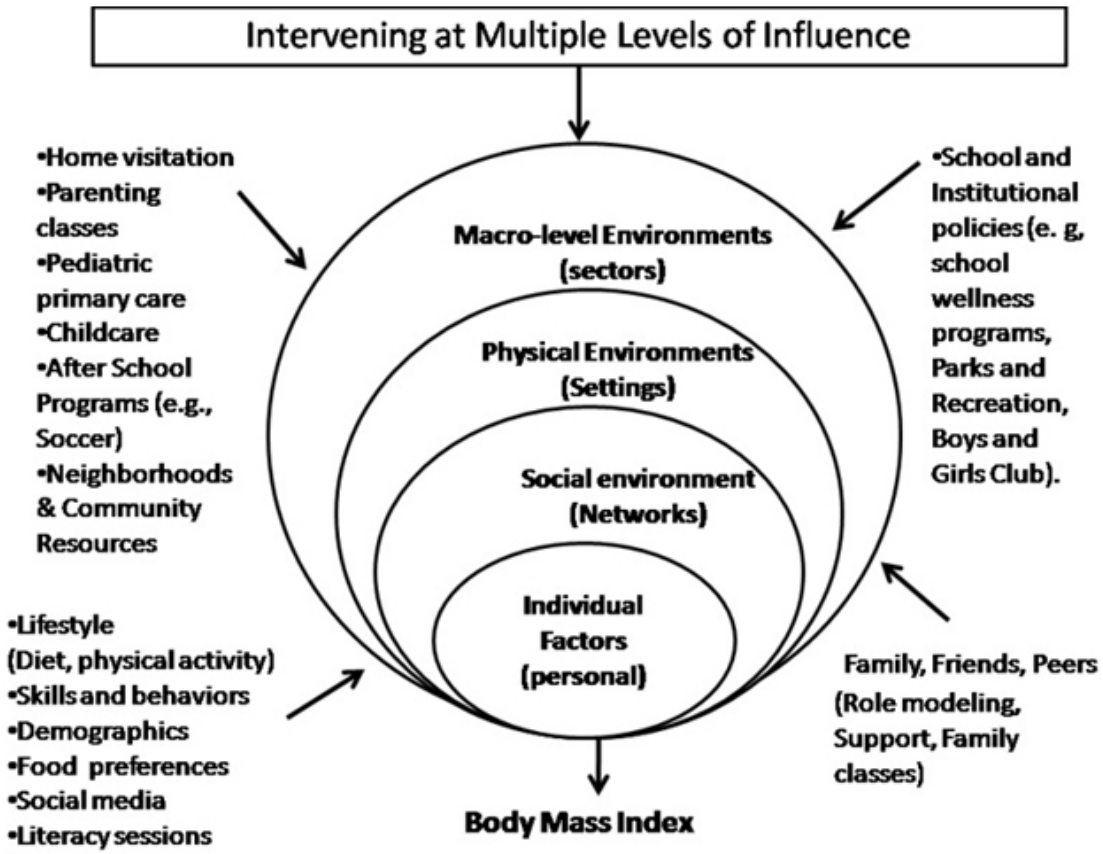


Figure : 8 Intervening at Multiple Levels



STUDIES PERTAINING TO THIS TOPIC

Savva SC, Tornartis M, Savva ME did a study on waist circumference and waist-to-height ratio to be better predictors of cardiovascular disease risk factors in children than body mass index. They stepwise multiple regression analysis for their studies and found that waist circumference was the most significant predictor among all variables for both boys and girls, whereas BMI had the lowest predictive value[77].

In 2006, a Cross-Sectional Comparison of BMI and Waist Circumference in British Children by McCarthy HD[1], Ellis SM, Cole TJ was conducted to compare WC, BMI, and WHR data in three different samples of children to study the prevalence of obesity. In their study, the proportion of children who were classified as overweight had not changed significantly using all the measures; however the children who were classified as obese increased by fourfold. This data provides us a strong case for questioning the current interpretation and the use of BMI and WC and highlights the need for better understanding the relationship between both and the changes associated with growth during childhood and the associated health risk. During the past 10-20 years, trends in WC have greatly exceeded when compared with BMI, particularly in girls, and this shows that BMI is a poor proxy for central fatness. BMI has therefore systematically underestimated the prevalence of obesity in children and adolescents[78].

A cross-sectional study from Madras Diabetes Research Foundation by Sonya Jagadesan, Ranjani Harish was done to estimate obesity in children in Chennai, India, and they observed that the prevalence of overweight/obesity was significantly higher in private schools when compared to government schools and was also higher among girls (IOTF: 18%, Khadilkar: 21.3%) compared to boys (IOTF: 16.2%, Khadilkar: 20.7%) , and higher among adolescents (IOTF: 18.1%, Khadilkar: 21.2%) when compared to children (IOTF: 15.5%, Khadilkar: 20.7%)[79].

A study in London by Wardle obesity at the time of transition from childhood to adolescence, found that overweight/obesity which was estimated by using both BMI and waist circumference) present around age of 11years was highly likely to persist to the age of 15[80].

NEED FOR STUDY

The present prevalence of overweight and obesity in India is 11- 29-%. Obesity has been declared as a global pandemic that constitutes one of the leading future threats to public health. In people of South Asian origin, central obesity alone is a powerful predictor of morbidity and mortality for a number of chronic diseases. Globally, it has been estimated that three out of ten children aged between 2 and 15 are considered to be overweight or obese, as per the latest statistics[81-83]. However this is mainly based on measurement program done by schools which uses Body Mass Index which is plotted on a growth chart where the age is also taken into account. Now experts have said

that this leads to an underestimation of the childhood obesity problem as it does not account where the children carry the extra weight on their body. If WC is used along with BMI, then four out of ten children would become classified as either overweight or obese[84]. Fat around the middle has to be considered as most hazardous to health as it increased the risk for development of type 2 diabetes, which is missed by BMI. So the purpose of this study is to estimate the prevalence of obesity using BMI, waist circumference and waist/ height ratio in assessing the prevalence of obesity. Obesity in children and adolescents is now a major public issue even in developing countries, including India. There is a chance that one-half of these obese school children might become obese adults. Whether or not obesity persists into adulthood, even in childhood obesity, is also associated with an increase in the risk of subsequent morbidity[85]. This shows the Significance of estimating the prevalence of obesity in children which cannot be overemphasized. There are only few studies which report the prevalence of childhood and adolescent obesity and overweight in the different parts of India such as (Punjab, Maharashtra, Delhi and South India) and the percentage range from 3% to 29%, and this indicates in urban areas the prevalence is high when compared to rural areas. Worldwide a controversy is going on regarding childhood obesity. It is more prevalence in India. I have seen many obese children and have wondered about the causes. That is the reason which influenced me to do this research on my statement problem.

MATERIALS AND METHODOLOGY

STUDY DESIGN

This study is a school-based, descriptive, cross-sectional study.

STUDY PERIOD

The study was carried out over a period of twelve months, from July 2014 to July 2015.

ETHICS

The study was approved by the Ethical Committee of Coimbatore Medical College Hospital and informed consent was obtained from Chief Educational Officer (Coimbatore Corporation) and also from the School Principal and participants of the study, for the study purposes.

STUDY POPULATION

The population under study are 11 to 15 years old urban school children in Coimbatore district, Taminadu.

SAMPLE SIZE

The total number of students of 11-15 years of age was obtained from The Chief Educational Officer (Coimbatore Corporation) including government and private schools. The total number of students are 1,15,724 and the average number of students per class is 42,301.

The sample size calculation formula

$n=t^2*p\ (1-p)/m2$

Description

n=required sample size

t=confidence level of 95%

(standard value of 1.96)

p=expected frequency of the factor under study-14.7%

m=margin of error of 2.5%

$n=1.96^2 *0.147(1-0.147)/0.025^2 = 770$

The sample is increased by 10% to account contingencies like non response and recording error.

n+10%=770+10% =848 sample.

Round off - 850 samples.

Government schools - 50%

Private schools - 50%

Study sample - 850

Using the above-mentioned formula, previous studies and in consultation

with the statistician ,the sample size was calculated to be 850 and the sample strata was calculated to be 170 for each age group from 11-15 yrs.

SAMPLING TECHNIQUE

Thus, 850 subjects from Coimbatore district were selected for this study. We adopted a multistage stratified random sampling procedure. Schools were selected based on the list of schools in Coimbatore which was obtained from the District Education Office. By using simple random technique, first six schools were selected. The Probability, proportional to the size sampling technique was used to select the sample from each school. Both government & private schools were included & the ratio was 1:1 in accordance with distribution of schools in Coimbatore. On reaching the selected school, the classes were selected randomly from each grade. The Students were then selected from each class by again using simple random technique, with help of the students' register, till the desired sample was met. From individual classes from each institution, 50 subjects would be recruited. Students who did not submit the Performa or those whom were notable & who were not cooperative were considered as non-respondent.

INCLUSION CRITERIA

11-15 yrs of urban school children in Coimbatore

EXCLUSION CRITERIA

Students with major dysmorphology or signs of physical deformity

TOOLS AND MATERIALS USED

A Proforma was used and details were collected, which included their involvement in physical activities such as participation in games, sports activities they preferred or predominantly indoor activities. Their screen viewing time which included watching television, playing computer and video games was also noted. Their food habit weather healthy & Unhealthy & eating junk food was taken into consideration. The number of meals consumed while watching television and their sleeping time and morning rising time were noted. The age, educational status, occupation of both parents and their monthly income, family size and the socio-economic status were also taken into consideration. The socio-economic status was assessed based on the Modified Kuppuswamy scale.

For measuring height a portable stadiometer was used.

Weight was measured using portable electronic weighing machine .

Waist circumference was measured using a non stretchable elastic tape.

METHODOLOGY

The study was approved by the Ethical Committee of Coimbatore Medical College Hospital, Coimbatore and informed consent was obtained from Chief Educational Officer (Coimbatore Corporation) and also from the School Principal and participants of the study, for the study purposes.

PROCEDURE

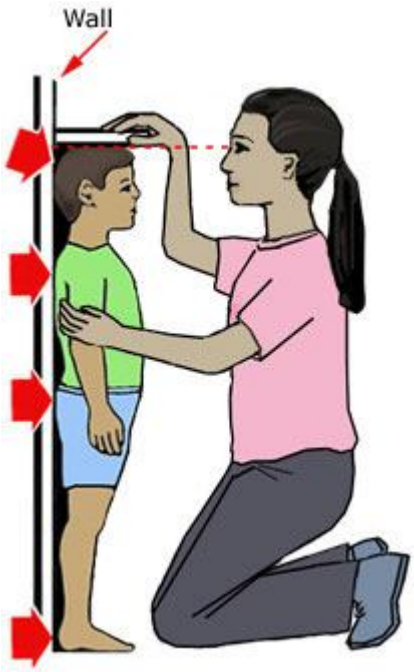
MEASUREMENT OF HEIGHT

Height was measured, standing using a portable stadiometer (range 60 - 207 cm). It was ensured that the stadiometer was on level ground.

Figure : 9 Stadio Meter

The child stood in socks or barefoot on the flat base of the stadiometer, feet slightly apart and the back of the head, the shoulder blades, buttocks and heels touching the vertical rod, and head in the Frankfurt plane. Gentle traction was applied to the mandibular process and the headboard was then lowered. The reading was taken to the last completed mm, avoiding parallax, and two such readings were averaged for analysis.

Figure : 10 Measurement of Height



Thus height was measured as per the WHO child growth standards: training course on child growth assessment, 2008. When assembling the height boards, it was checked that they are assembled correctly by measured rods of known length.

MEASUREMENT OF WEIGHT

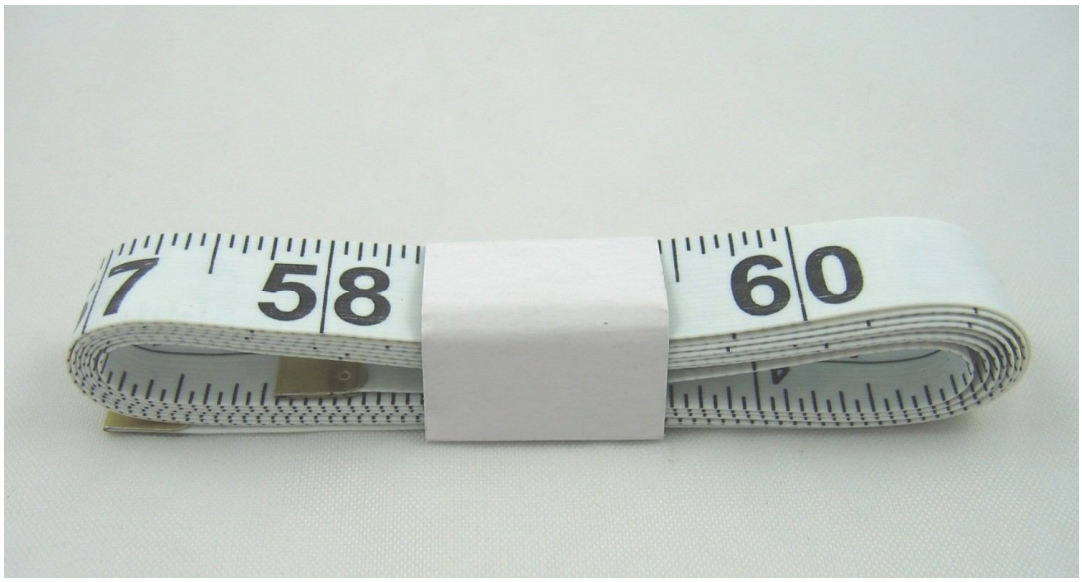
The scale was placed on a flat, hard, even surface. The children were asked to stand in the middle of the scale, feet slightly apart and they were to remain still until the weight appears on the display. Then weight was measured using a portable electronic weighing machine accurate to 100 g. As per the WHO child growth standards: training course on child growth assessment, 2008. The weighing scale was regularly checked with known standard weights of 3, 5, 10 and 20 kg. The accuracy of equipment was checked at the time of purchase and thereafter at least once weekly.

Figure : 11 Weighting Scale

MEASUREMENT OF WAIST CIRCUMFERENCE:

An important issue for both using and for interpreting waist circumference is the protocol used to obtain the measurements. Here we have the protocol as discussed, the anatomical placement of the measuring tape, its tightness and the type of tape used, the subject's posture, phase of respiration and abdominal tension.

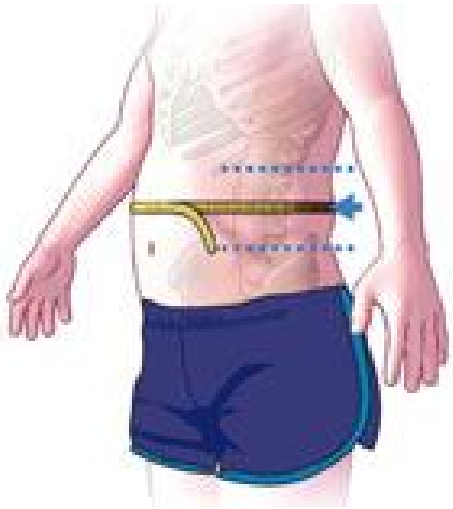
Figure ; 12 Inch Tape



Placement of tape:

The WHO STEPS protocol is used for measuring waist circumference which instructs that the measurement must be made at the approximate midpoint between the lower margin of the last palpable rib and the top of the iliac crest (WHO, 2008b). In this study also the waist circumference has been measured in the same manner. Lower margin of the last palpable rib and the top of the iliac crest.

Figure : 13 Measurement of Waist Circumference



The tightness and type of tape used:

Most importantly the accuracy of waist circumference measurements depends on how tight the tape is used, and its correct positioning. The WHO STEPS protocol states that, for WC measurement of waist, the tape should be kept snug around the body, but in such a way that not pulled so tight which then becomes constricting (WHO, 2008b). It is recommended to use a tape which is stretch resistant.

The posture of students during measurement:

At the time of measurement, the posture in which the subject stands also influences the accuracy of measurement. Thus, the WHO STEPS protocol recommends that the subject should stands with both arms at the sides and feet positioned close together, and weight evenly distributed across the feet (WHO, 2008b).

The phase of respiration at the time of measurement:

This determines the extent of fullness of the lungs and the position of the diaphragm during measurement; which in turn influences the accuracy of the measurement. The WHO STEPS protocol suggests that the waist circumference should be measured at the end of a normal expiration, when the lungs are at their functional residual capacity (WHO, 2008b). In this study, the waist circumference was thus during measured at the end of a normal expiration.

The abdominal tension during measurement:

The tension of the abdominal tension in turn affects the accuracy of the waist circumference measurement. Decreasing the abdominal wall tension increases waist circumference, whereas increasing the tension (by sucking in) reduces waist circumference. Some of the individuals unconsciously react at the time of measurements by sucking in their abdominal wall; hence, a relaxed posture is aimed for taking correct waist measurements. The WHO STEPS protocol recommends that the subject should advice to be relaxed and take few deep breaths before the actual measurement is made, which will minimize the inward pull of the abdominal contents during the waist measurement (WHO, 2008b), which was followed in this study.

Following the above protocol, WC was measured with the students standing with their feet close together and both arms at their sides in a relaxed position, during the end of their normal respiration. The measurements were repeated twice and the difference should be less than 1cm, then the average was confirmed. If it exceeded 1 cm measurements were repeated. The tape was regularly checked and if there was any damage the tape was replaced.

The anthropometric measures we took were the height, weight, and WC and the same protocols were followed for all students, and measurements were taken by the same person.

- BMI was calculated by the formula

$$\text{BMI} = \frac{\text{WEIGHT IN KG}}{\text{HEIGHT IN M}^2}$$

and the student was considered obese if he or she was more than or equal to 27^{th} adult equivalent of IAP BMI chart - Annexure : 7-8

WC was thus measured and the student was considered obese if he or she was more than or equal to 75^{th} Percentile of Smoothed and Weighted Age and Sex Specific Waist Circumference Percentile Values (cm) for Indian Children 3-16 years of age Ref : Annexure : 9

WHR was calculated by the formula

$$\textbf{WHR} = \frac{\textbf{WAIST CIRCUMFERENCE IN CM}}{\textbf{HEIGHT IN CM}}$$

and the student was considered obese if he or she was more than or equal to 0.5 as per the Smoothed And Weighted Age And Sex Specific Waist - Height(Wht) Ratio Percentile Values For Indian Children 3-16 years of age Ref : Annexure : 10

STASTICAL ANALYSIS

The data are reported as the mean +/- SD or the median depending on their distribution. The differences in quantitative variables between the groups were assessed by means of an unpaired T test. The comparison between groups were made by the Non parametric Mann-Whitney test. ANOVA was then used to assess the quantitative variables. A Chi square test was used to assess the difference in categorical variables between groups. ROC curve and Odds ratio were performed. A p value of <0.05 using a two - tailed test was taken as being of significance for all statistical tests. All data were analyzed with a statistical software package.(SPSS, version 16.0 for windows).

RESULTS

The table below shows the number of children involved in the study in the various age groups including gender distribution and distribution in private and government schools

Table : 2 Age Distribution

Age Distribution			
	Gender		
Age	**MALE**	**FEMALE**	**Total**
11	68	106	174
12	75	96	171
13	85	86	171
14	50	122	172
15	61	110	171
Total	339	520	859

Figure : 14 Age Distribution

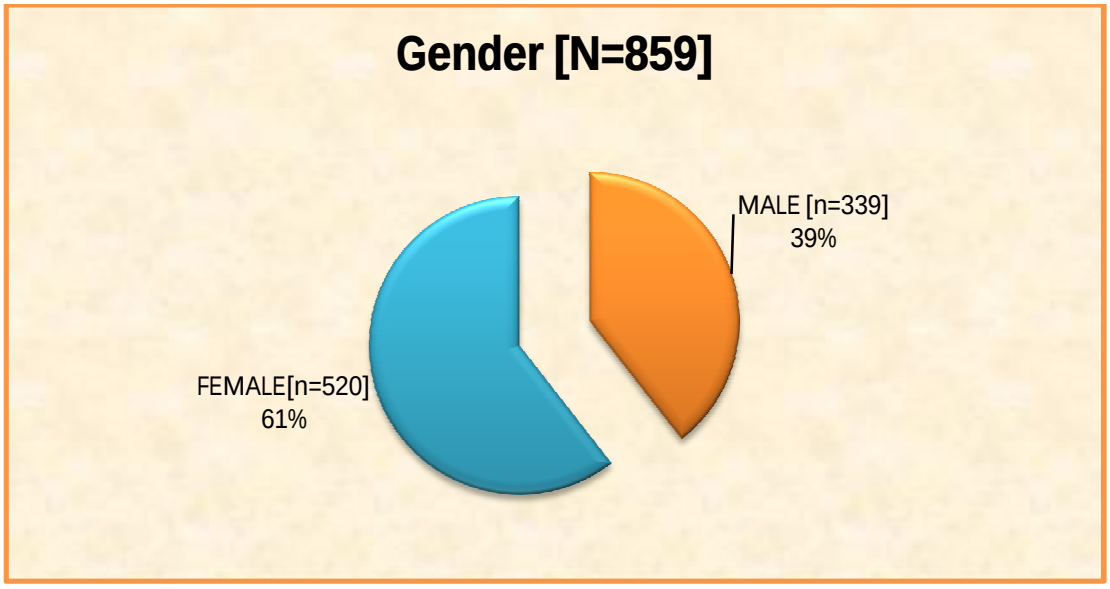
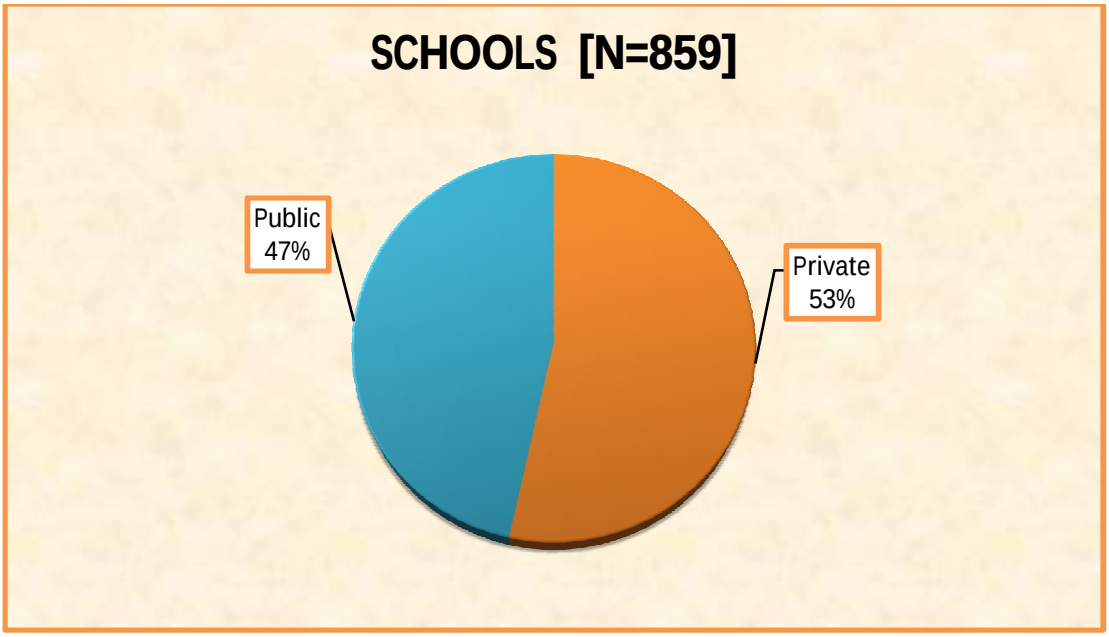


Figure : 15 Schools

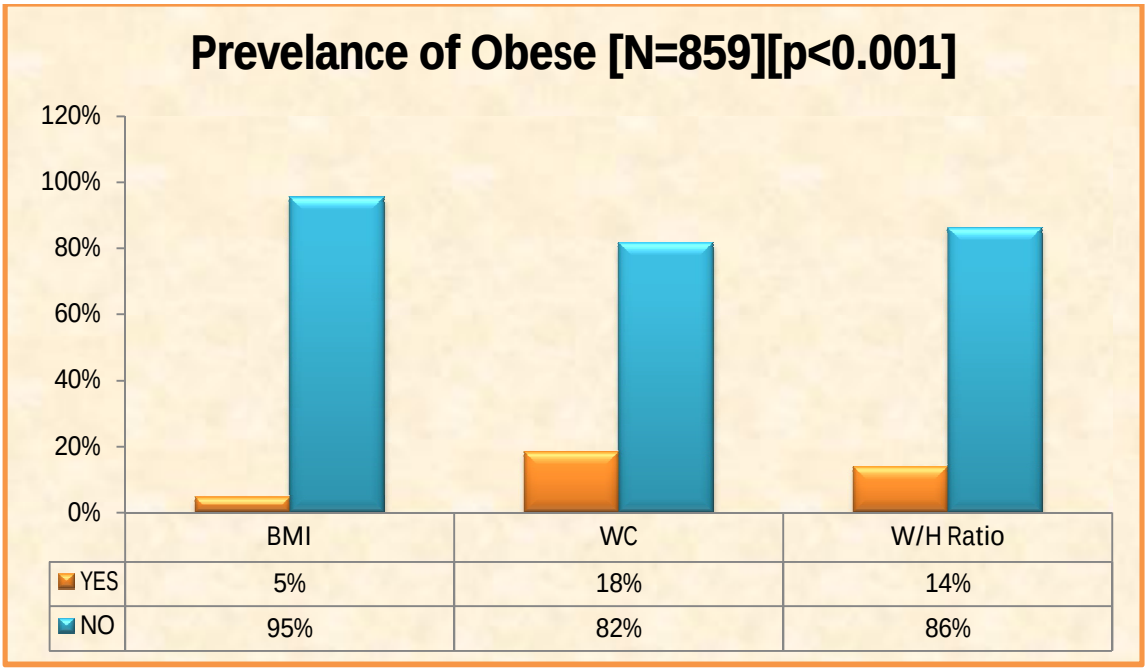


From the study population of 860 children, 859 were included and the prevalence of obesity is as follows. According to BMI - 40 children, 5% are obese; WC - 157 children,18% are obese and WHR-119 children, 14% are obese.

Table : 3 Prevalence of Obesity in the study Population

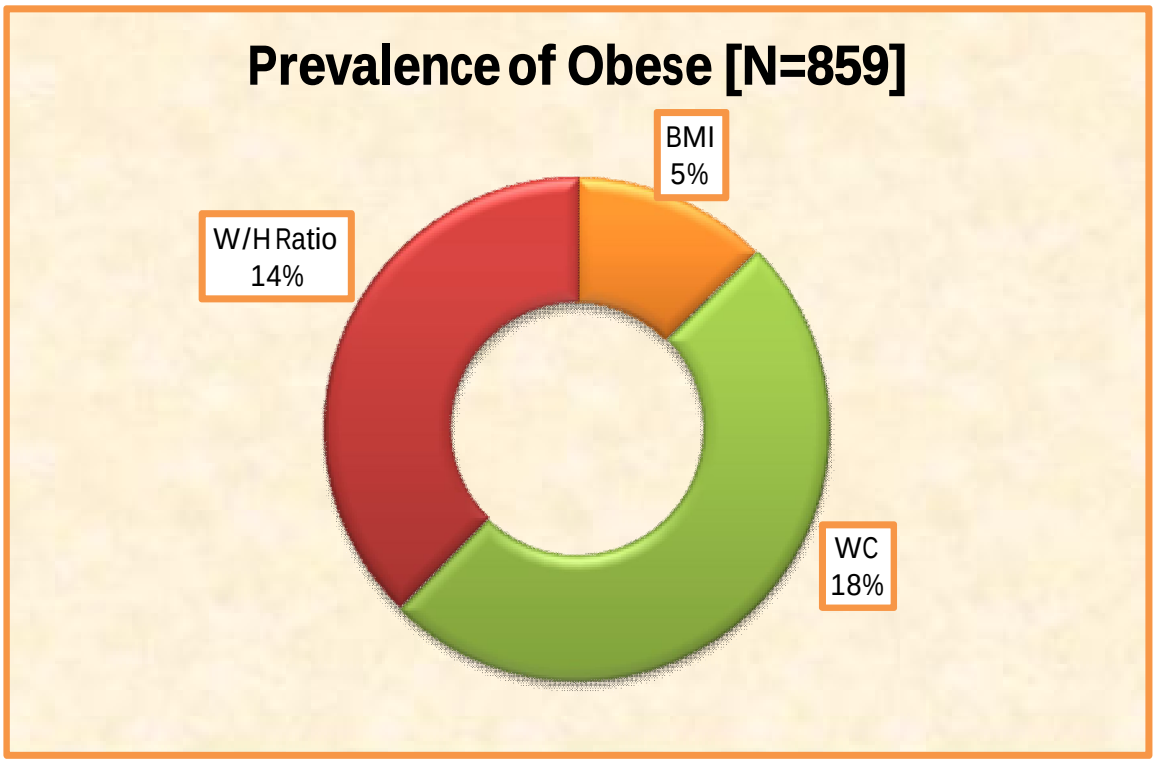
Prevalence of Obesity in the study Population		
	OBESE	
Variables	YES	NO
BMI	40	819
WC	157	702
W/H Ratio	119	740

Figure : 16 Prevalence of Obesity in study population



Much studies have not been conducted using all three parameters for estimation of obesity and hence in this study we could estimate that by using WC for estimating obesity, then the prevalence increases by 13.6% and by using WHR the estimation of obesity increases by 9.2% and by using combined WC and WHR the estimation of obesity increases by 11.4% than BMI which only estimates 5% of obesity. Thus if only a single factor such as BMI is used obesity may be underdiagnosed.

Figure : 17 Prevalence of Obesity



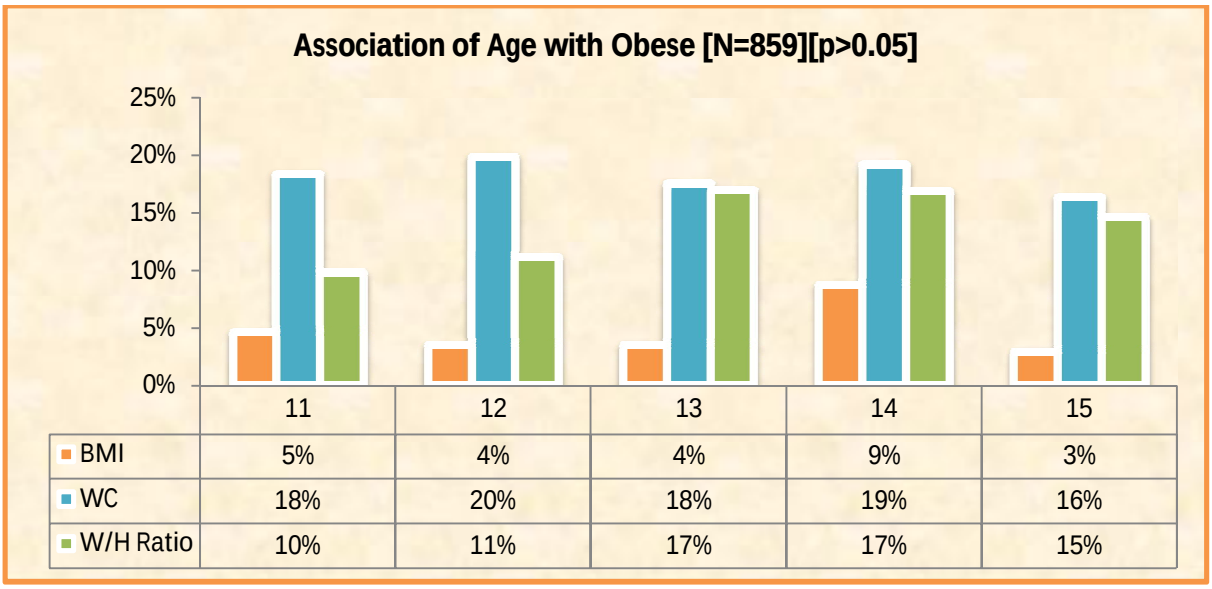
RISK FACTORS FOR OBESITY

In this study various risk factors taken into account are as follows:

AGE AND GENDER OF THE CHILDREN AND OBESITY

The age of children being obese is more in 12 to14 years age group

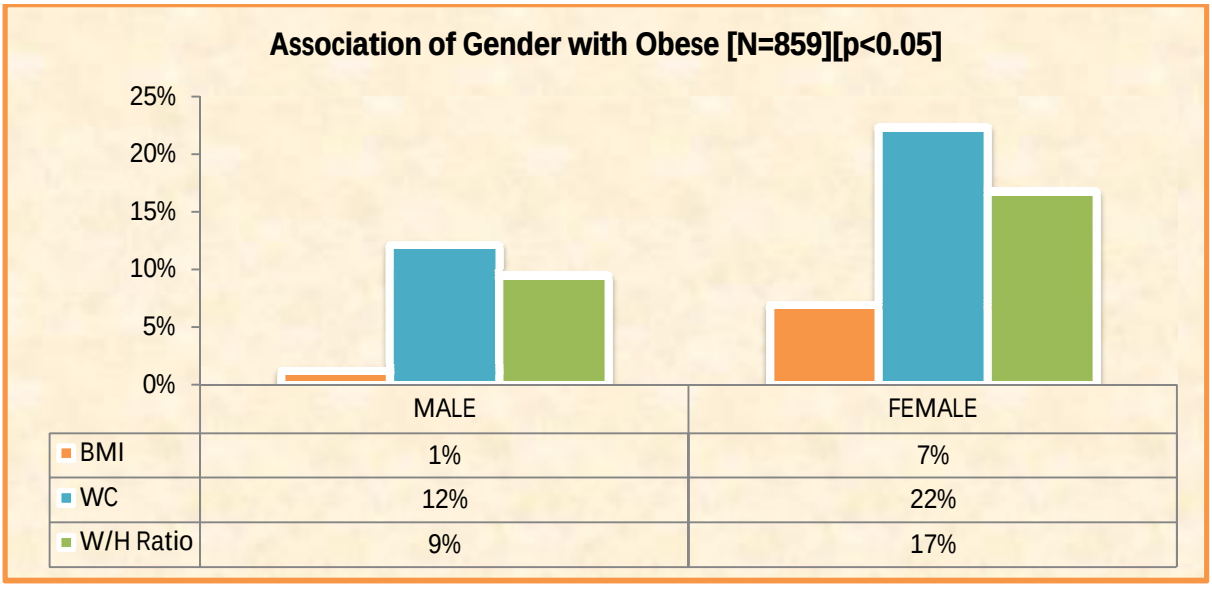
Figure : 18 Association of Age with Obese



	11	12	13	14	15
BMI	5%	4%	4%	9%	3%
WC	18%	20%	18%	19%	16%
W/H Ratio	10%	11%	17%	17%	15%

According to this study, obesity is more in females in all ages

Figure : 19 Association of Gender with Obese



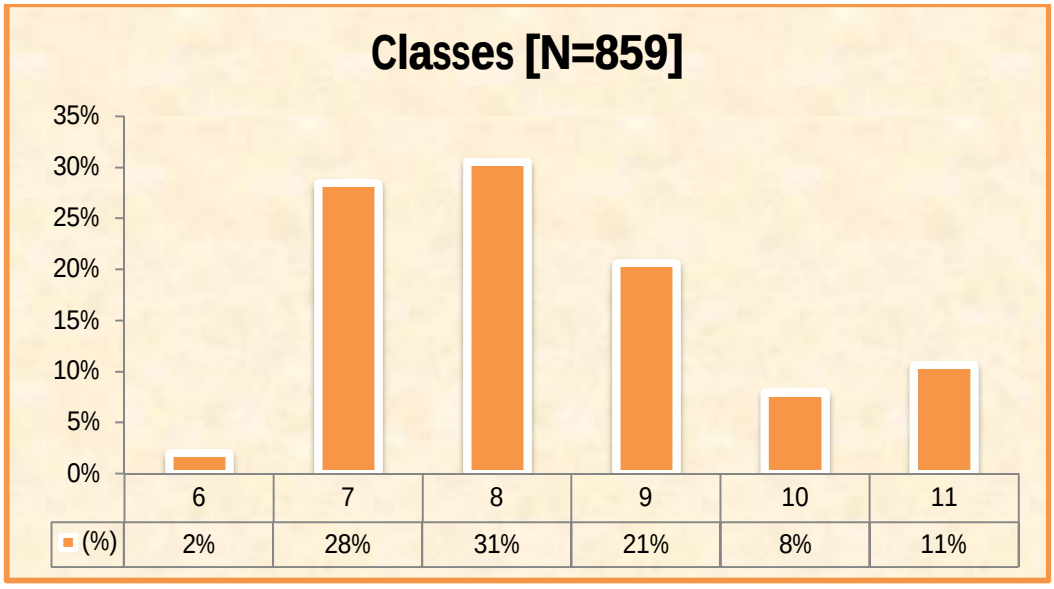
	MALE	FEMALE
BMI	1%	7%
WC	12%	22%
W/H Ratio	9%	17%

GRADE STUDIED WITH OBESITY

Table : 4 Standard Wise

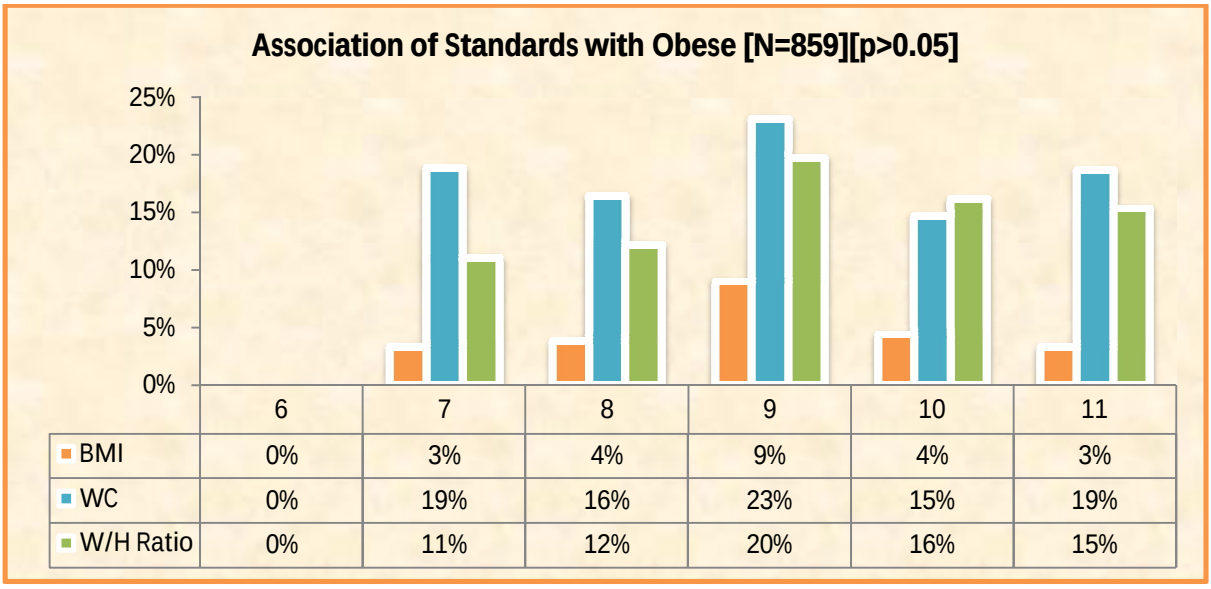
Standard wise		
STD	n	(%)
6	17	2%
7	244	28%
8	262	31%
9	177	21%
10	68	8%
11	91	11%
Total	859	520

Figure : 20 Classes



Similar to age, there is increased obese children in class 8 followed by class 7 and 9.

Figure : 21 Association of Standards with Obese



	6	7	8	9	10	11
BMI	0%	3%	4%	9%	4%	3%
WC	0%	19%	16%	23%	15%	19%
W/H Ratio	0%	11%	12%	20%	16%	15%

MODE OF SCHOOL WITH OBESITY

Table : 5 Association of Mode of School with Obese in Study Population

Association of Mode of School with Obese in study population				
		OBESE		
School	**TOTAL**	BMI*	WC*	W/H Ratio*
Private	459	30	95	73
Govt.	400	10	62	46
* --> Significant at <0.05 level				

Figure : 22 Association of Mode of School with Obese

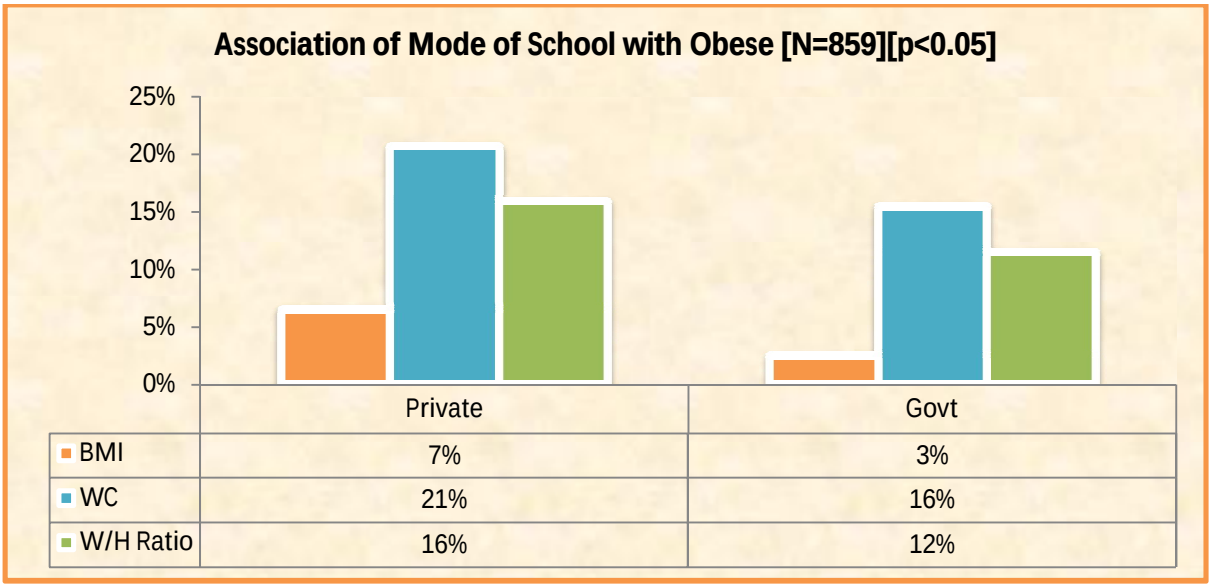


Table : 6 ODDS RATIO - Private School

ODDS RATIO - Private school			
		BMI	2.727 [95% CI : 1.316 - 5.652]
		WC	1.422 [95% CI : 1.000 - 2.024]
		W/H ratio	1.455 [95% CI : 0.979 - 2.163]

According to this study, obesity is more in private schools when compared to government schools.

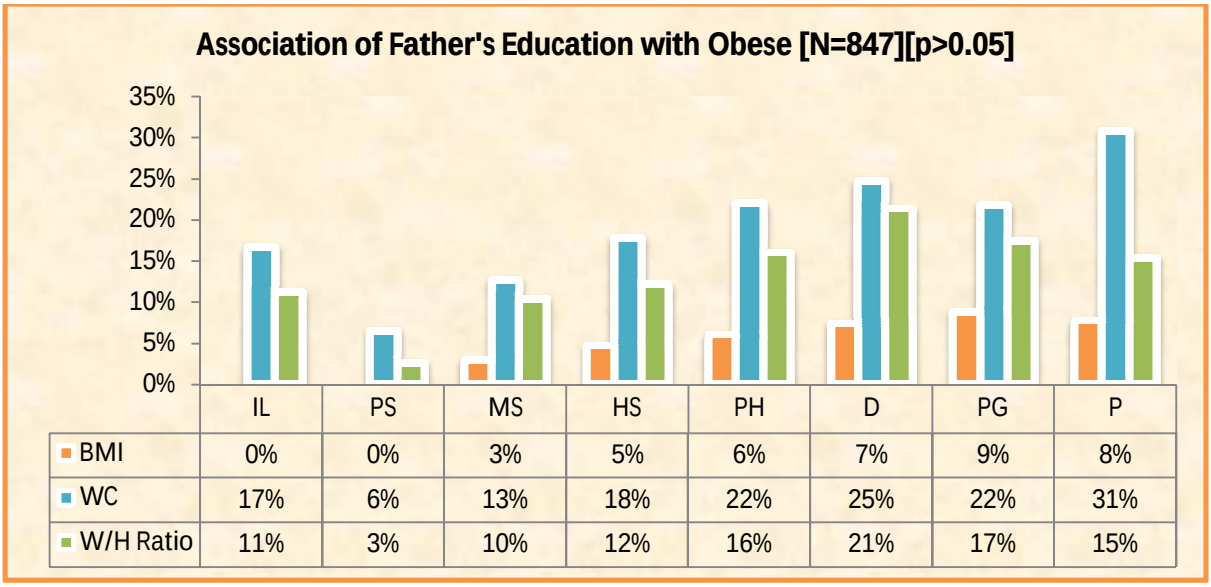
FATHERS EDUCATION WITH OBESITY

According to this study, obese children are more when fathers are degree holders, post graduates and professionals.

Table : 7 Association of Father's education with Obese in study population

Association of Father's education with Obese in study population				
		OBESE		
FATHER'S EDN	**Total**	BMI	WC*	W/H Ratio
ILLITERATE	18	0	3	2
PRIMARY SCHOOL	77	0	5	2
MIDDLE SCHOOL	174	5	22	18
HIGH SCHOOL	214	10	38	26
POST HIGH SCHOOL	150	9	33	24
DEGREE	178	13	44	38
POSTGRADUATE	23	2	5	4
PROFESSIONAL	13	1	4	2
* --> Significant at <0.05 level				

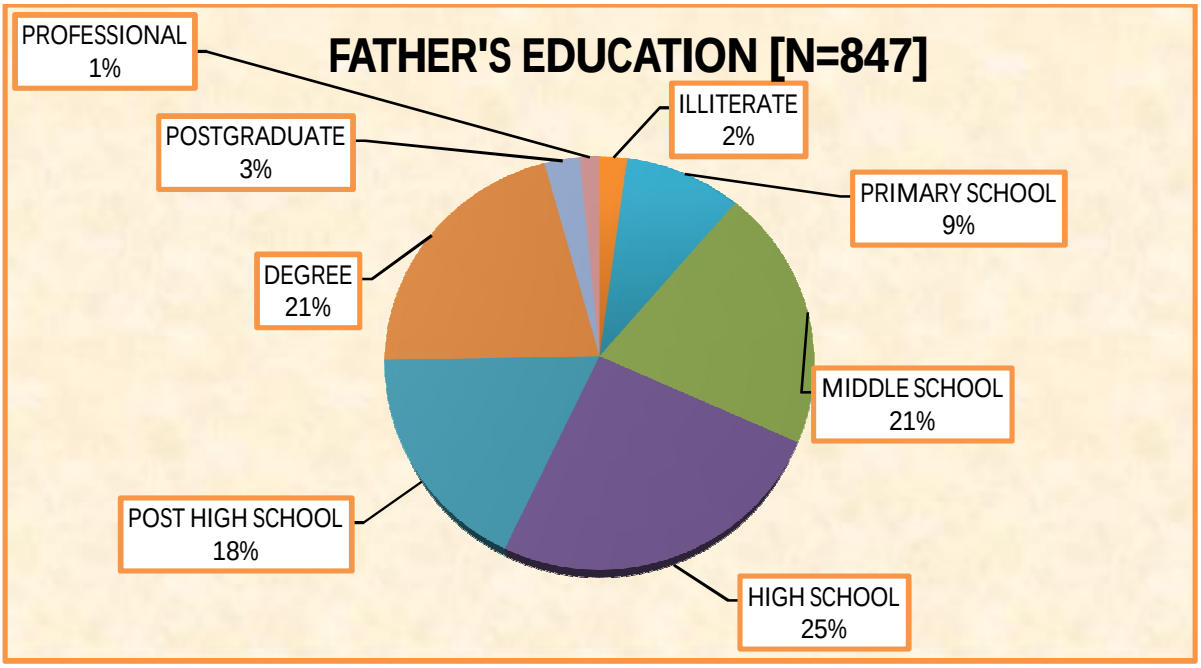
Figure : 23 Association of Father's Education with Obese



	IL	PS	MS	HS	PH	D	PG	P
BMI	0%	0%	3%	5%	6%	7%	9%	8%
WC	17%	6%	13%	18%	22%	25%	22%	31%
W/H Ratio	11%	3%	10%	12%	16%	21%	17%	15%

For most of the children, their father's education is high school which accounts for 25%, followed by middle school and degree holders, each 21% and then the rest.

Figure : 24 Father's Education



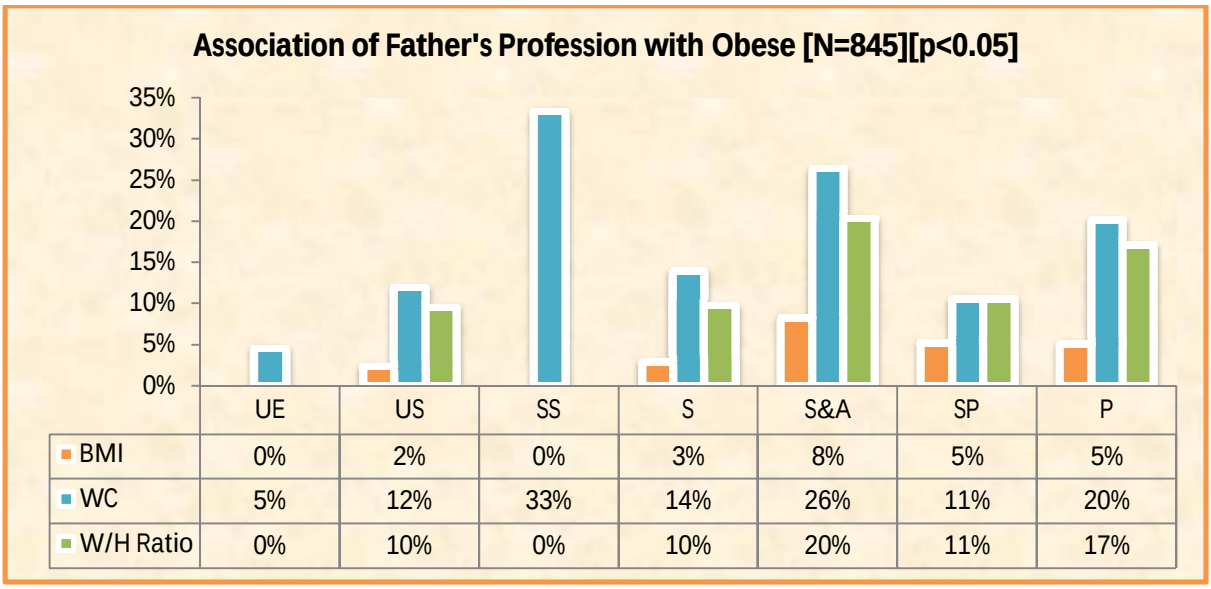
FATHER'S PROFESSION AND OBESITY

According to this study, obese children are more for fathers who are semi skilled and those who are business men and agriculturists.

Table : 8 Association of Father's Profession with Obese in study population

Association of Father's Profession with Obese in study population				
		OBESE		
FATHER'S PROFF	**Total**	BMI*	WC*	W/H Ratio*
UN EMPLOYED	22	0	1	0
UN SKILLED	126	3	15	12
SEMI SKILLED	6	0	2	0
SKILLED	308	9	43	30
SHOP AND AGRICULTURE	265	22	70	54
SEMI PROFESSIONAL	19	1	2	2
PROFESSIONAL	99	5	20	17
* --> Significant at <0.05 level				

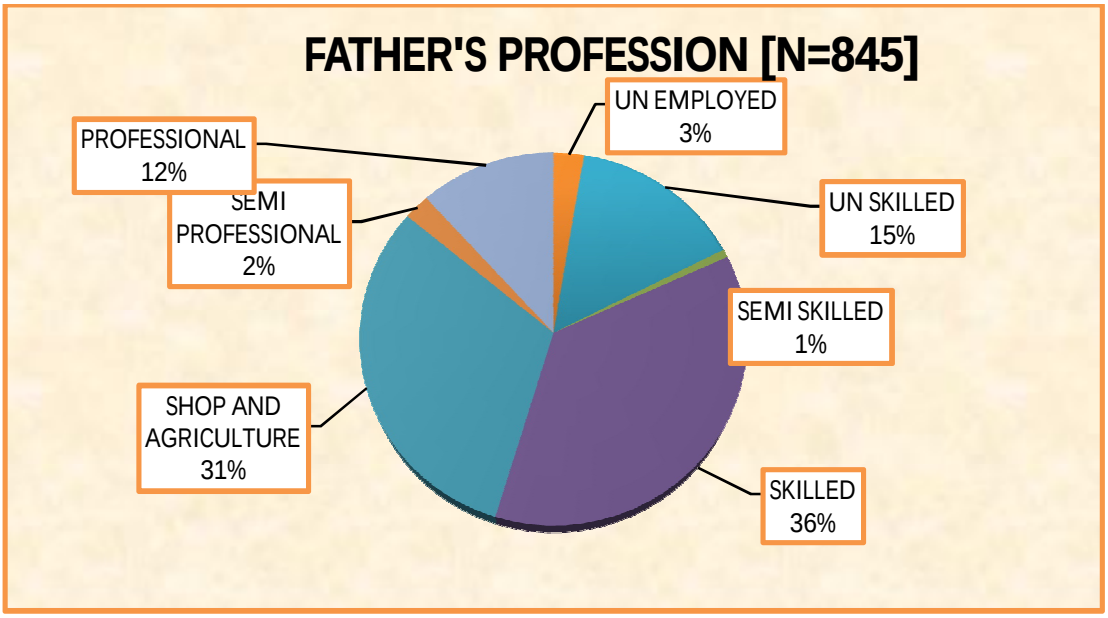
Figure : 25 Association of Father's Profession with Obese



	UE	US	SS	S	S&A	SP	P
BMI	0%	2%	0%	3%	8%	5%	5%
WC	5%	12%	33%	14%	26%	11%	20%
W/H Ratio	0%	10%	0%	10%	20%	11%	17%

Majority of the children's fathers are skilled workers which accounts for 36% followed by businessmen or practicing agriculture which accounts for 31%.

Figure : 26 Father's Profession



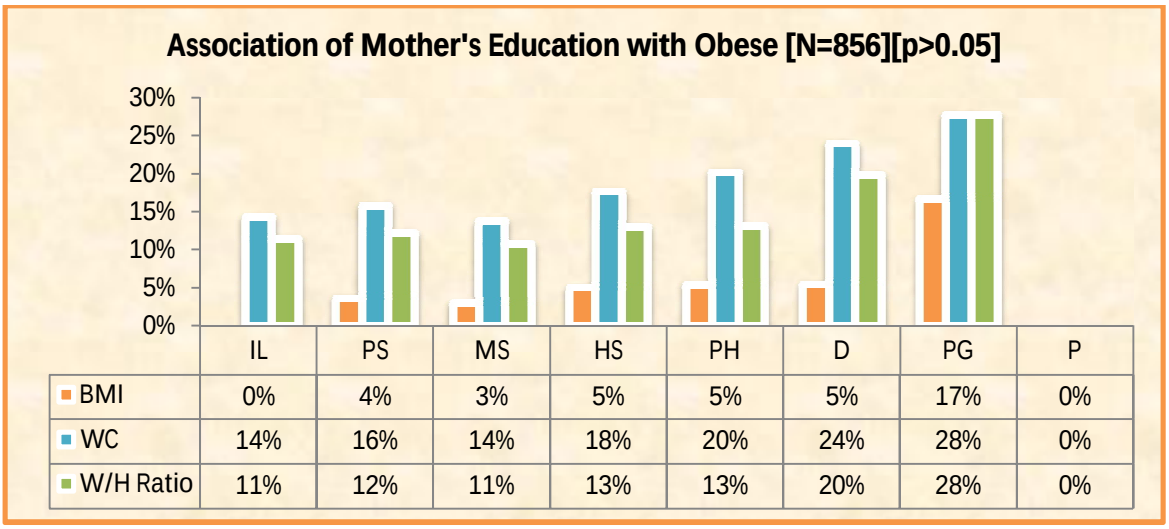
MOTHER’S EDUCATION AND OBESITY

According to this study, obese children are more in mothers who are degree holders, post graduates and professionals.

Table : 9 Association of Mother's education with Obese in study population

Association of Mother's education with Obese in study population				
		OBESE		
MOTHER'S EDN	**Total**	BMI	WC	W/H Ratio
ILLITERATE	35	0	5	4
PRIMARY SCHOOL	82	3	13	10
MIDDLE SCHOOL	167	5	23	18
HIGH SCHOOL	238	12	42	31
POST HIGH SCHOOL	168	9	34	22
DEGREE	146	8	35	29
POSTGRADUATE	18	3	5	5
PROFESSIONAL	2	0	0	0

Figure : 27 Association of Mother's Education with Obesity

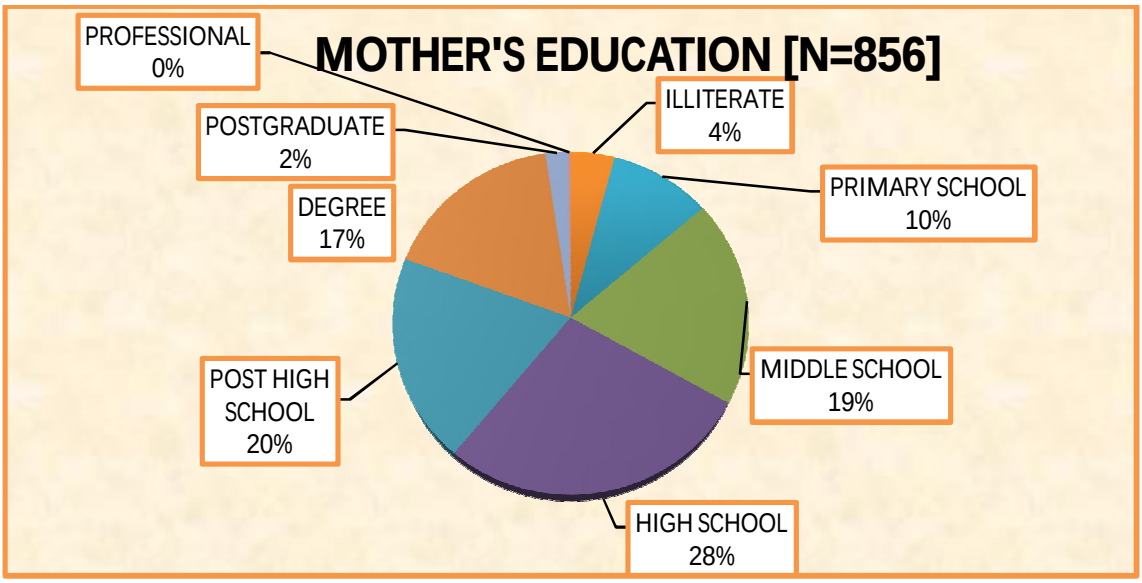


	IL	PS	MS	HS	PH	D	PG	P
BMI	0%	4%	3%	5%	5%	5%	17%	0%
WC	14%	16%	14%	18%	20%	24%	28%	0%
W/H Ratio	11%	12%	11%	13%	13%	20%	28%	0%

For most of the children, their mother's education is high school which accounts for 28%, followed by post high school 20% and middle school 19% and then the rest.

The educational qualification of the mother is slightly lower by a few % than the father.

Figure : 28 Mother's Education



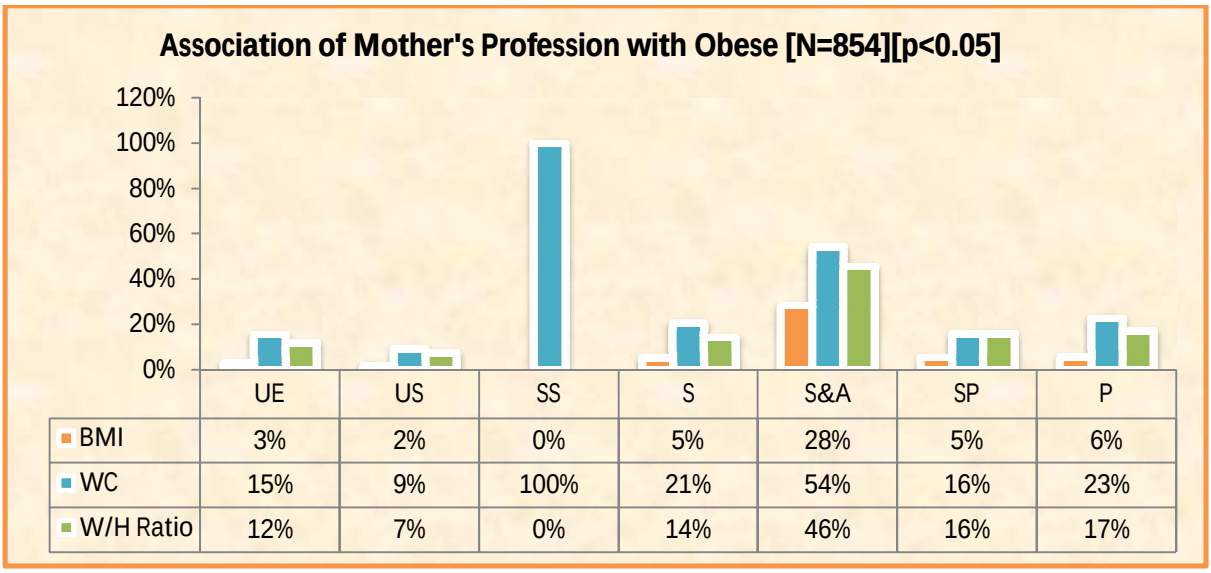
MOTHER'S PROFESSION AND OBESITY

According to this study, obese children are more for mothers who are semi skilled and those who are business women and agriculturists.

Table : 10 Association of Mother's Profession with Obese in study population

Association of Mother's Profession with Obese in study population				
		OBESE		
Mother's Proff	**Total**	BMI*	WC*	W/H Ratio*
UN EMPLOYED	485	14	75	58
UN SKILLED	109	2	10	8
SEMI SKILLED	2	0	2	0
SKILLED	140	7	29	20
SHOP AND AGRICULTURE	46	13	25	21
SEMI PROFESSIONAL	19	1	3	3
PROFESSIONAL	53	3	12	9
* --> Significant at <0.05 level				

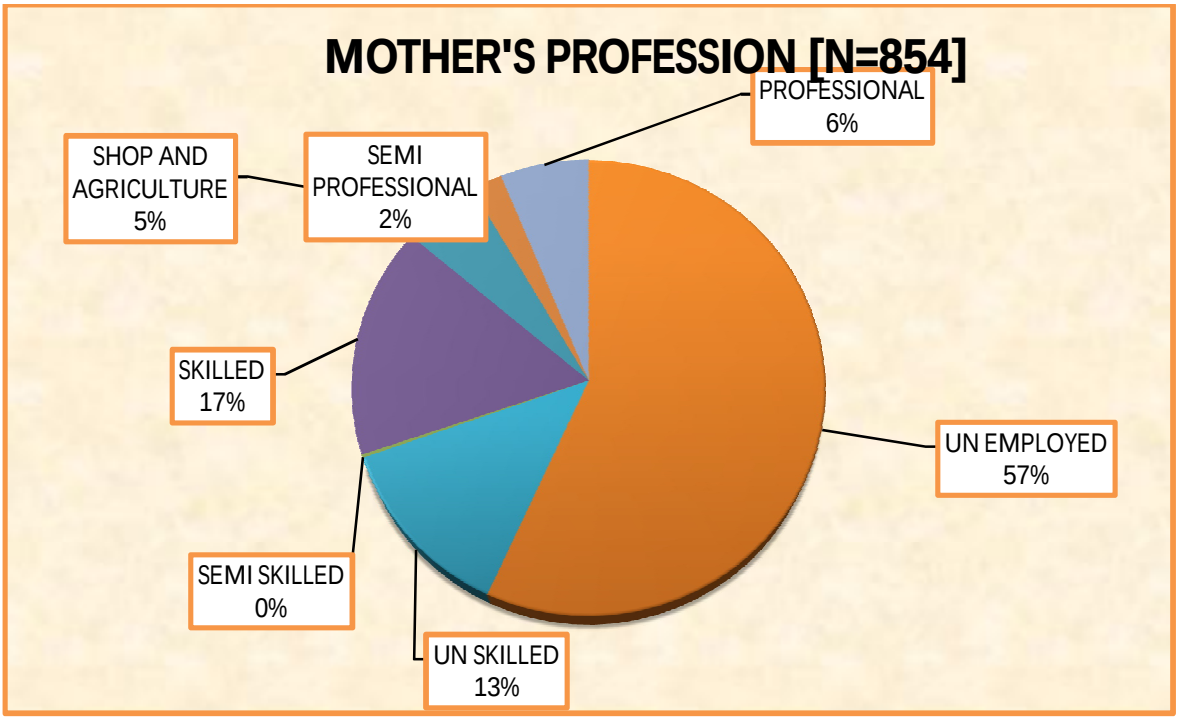
Figure : 29 Association of Mother's Profession with Obese



	UE	US	SS	S	S&A	SP	P
BMI	3%	2%	0%	5%	28%	5%	6%
WC	15%	9%	100%	21%	54%	16%	23%
W/H Ratio	12%	7%	0%	14%	46%	16%	17%

Majority of the children's mothers are unemployed, most of them being home makers which accounts for 57% followed by skilled workers 17% and then the rest.

Figure : 30 Mother's Profession



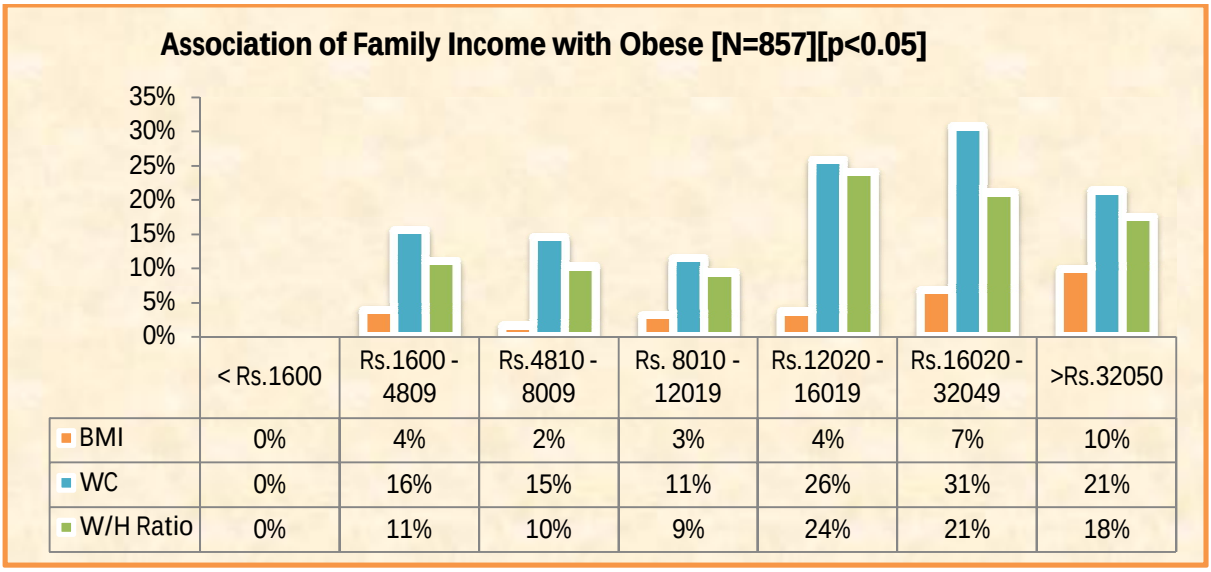
FAMILY INCOME AND OBESITY

According to this study, obese children are more in families who earn between Rs.12,000 to Rs.32,000.

Table : 11 Association of Family Income with Obese in study population

Association of Family Income with Obese in study population				
		OBESE		
Family Income	**Total**	BMI*	WC*	W/H Ratio*
< Rs.1600	13	0	0	0
Rs.1600 – 4809	154	6	24	17
Rs.4810 – 8009	254	4	37	26
Rs. 8010 – 12019	96	3	11	9
Rs.12020 – 16019	54	2	14	13
Rs.16020 – 32049	104	7	32	22
>Rs.32050	182	18	39	32
* --> Significant at <0.05 level				

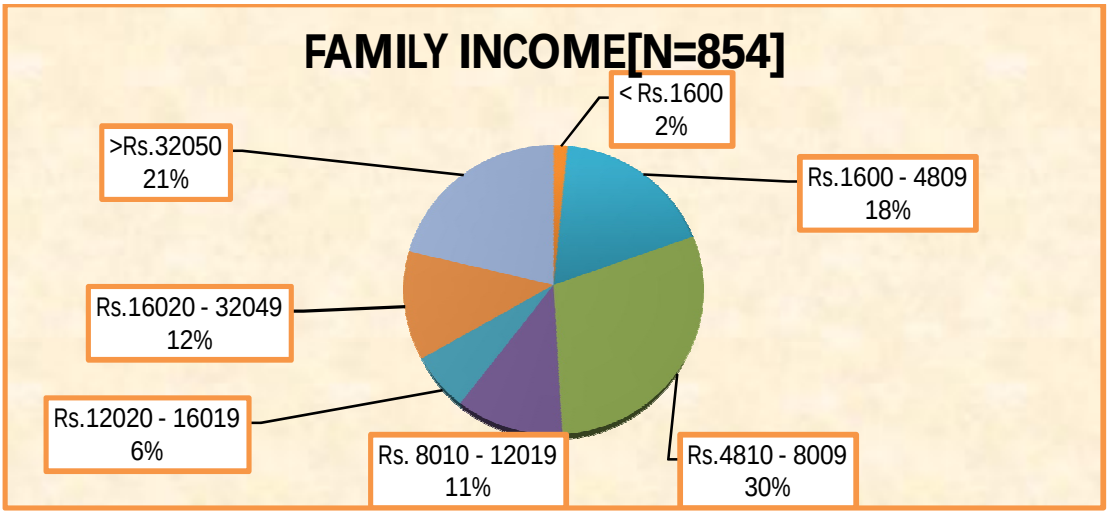
Figure : 31 Association of Family Income with Obesity



	< Rs.1600	Rs.1600 - 4809	Rs.4810 - 8009	Rs. 8010 - 12019	Rs.12020 - 16019	Rs.16020 - 32049	>Rs.32050
BMI	0%	4%	2%	3%	4%	7%	10%
WC	0%	16%	15%	11%	26%	31%	21%
W/H Ratio	0%	11%	10%	9%	24%	21%	18%

Majority of the children are from family income group of 4,810-8,009 rupees per month which accounts for 30% followed by 32,050 rupees per month which accounts for 21%.

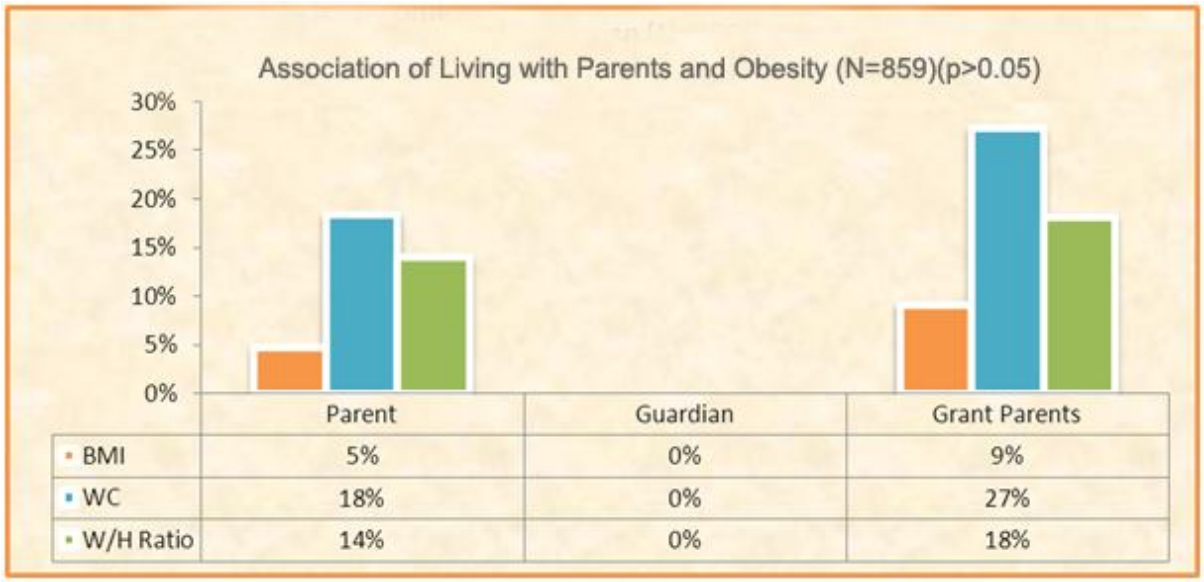
Figure : 32 Family Income



LIVING WITH PARENTS AND OBESITY

According to this study there is no increase in obese children if they are living with grand parent or guardian.

Figure : 33 Association of Living with Parents and Obesity

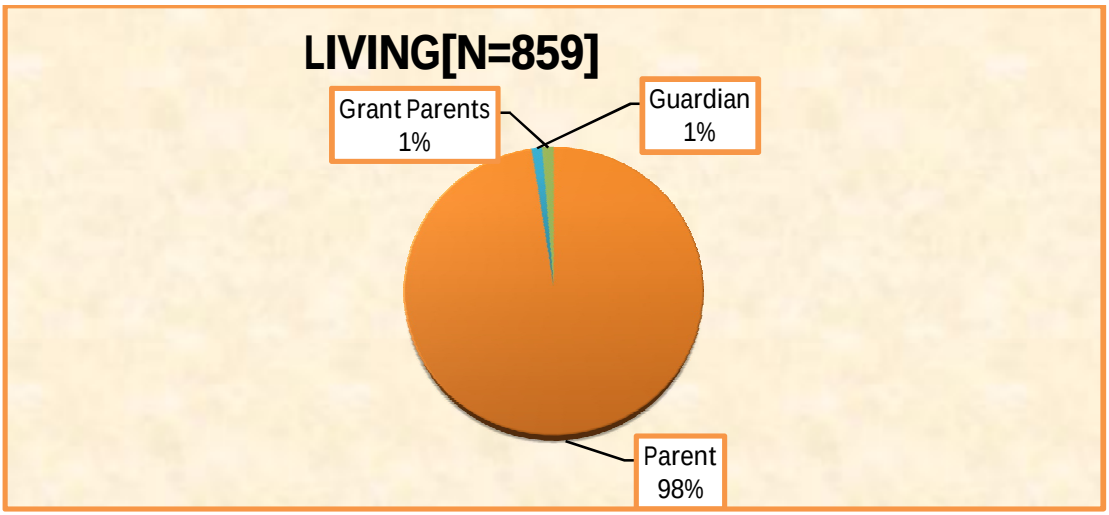


Almost 82% of the children live with their parents and only a few % with grandparents or guardians.

Table : 12 Accompany of Living with Obese in study population

Association of Accompany of Living with Obese in study population				
		OBESE		
Living	**Total**	BMI	WC	W/H Ratio
Parent	838	39	154	117
Guardian	10	0	0	0
Grant Parents	11	1	3	2

Figure : 34 Living with parent



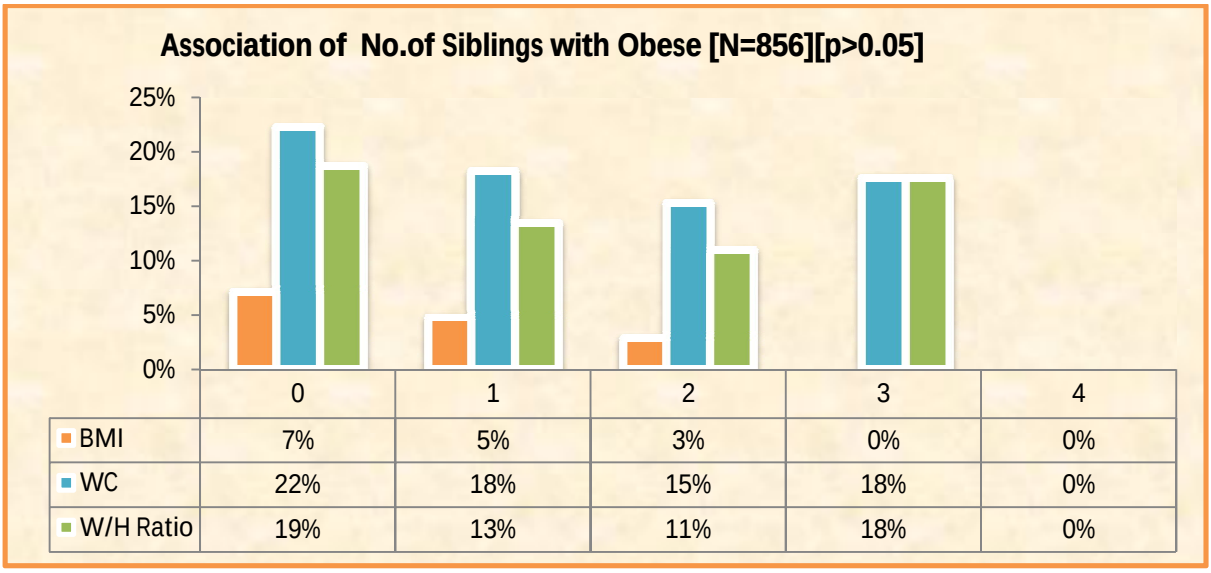
NUMBER OF SIBLINGS AND OBESITY

According to this study there is decrease in obese children if they have more than 2 siblings.

Table : 13 Association of No. of siblings with Obese in study population

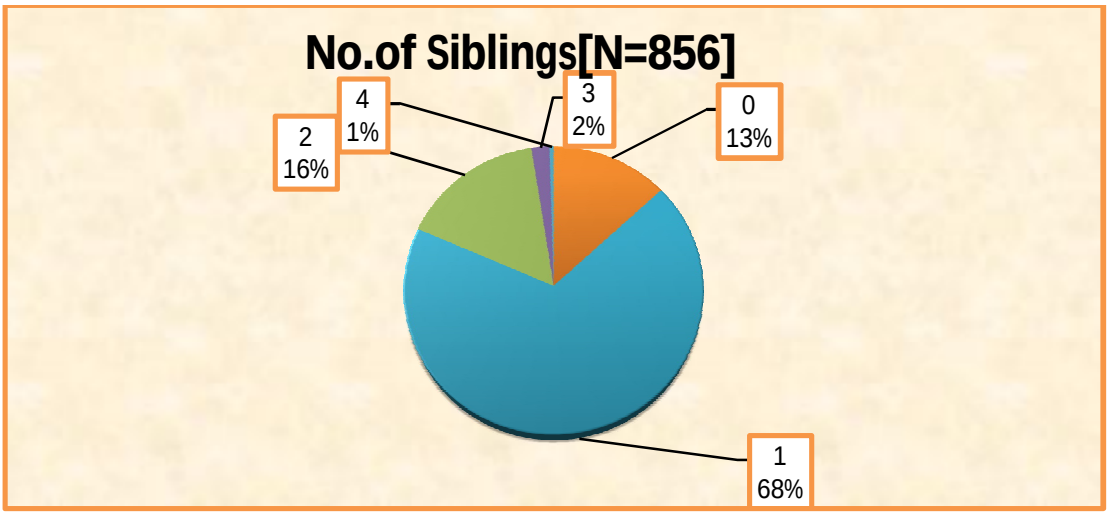
Association of No. of siblings with Obese in study population				
		OBESE		
Siblings	**Total**	BMI	WC	W/H Ratio
0	112	8	25	21
1	586	28	107	79
2	137	4	21	15
3	17	0	3	3
4	4	0	0	0

Figure : 35 Association of No. of Siblings with Obese



Majority of the children have one sibling which accounts for 68% followed by rest.

Figure : 36 Siblings with Obese



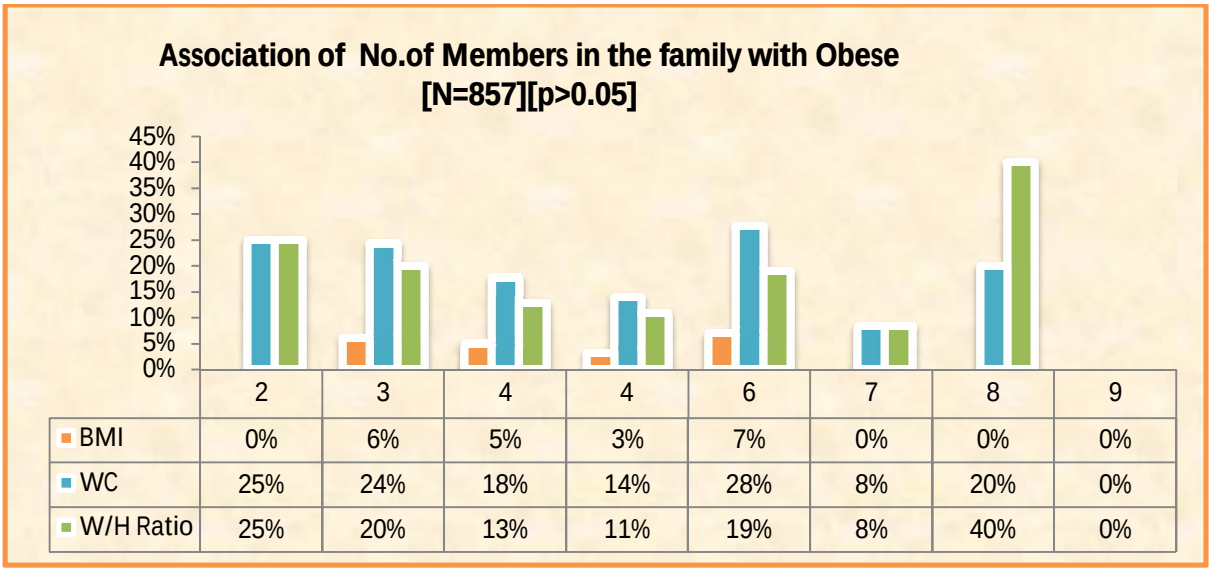
NUMBER OF FAMILY MEMBERS AND OBESITY

According to this study obese children are less if the family members are more than 6.

Table : 14 Association of No.of members in the Family with Obese in study population

Association of No.of members in the Family with Obese in study population				
		OBESE		
No.of Members	**Total**	BMI	WC	W/H Ratio
2	4	0	1	1
3	115	7	28	23
4	468	23	83	60
4	194	6	27	21
6	58	4	16	11
7	12	0	1	1
8	5	0	1	2
9	1	0	0	0

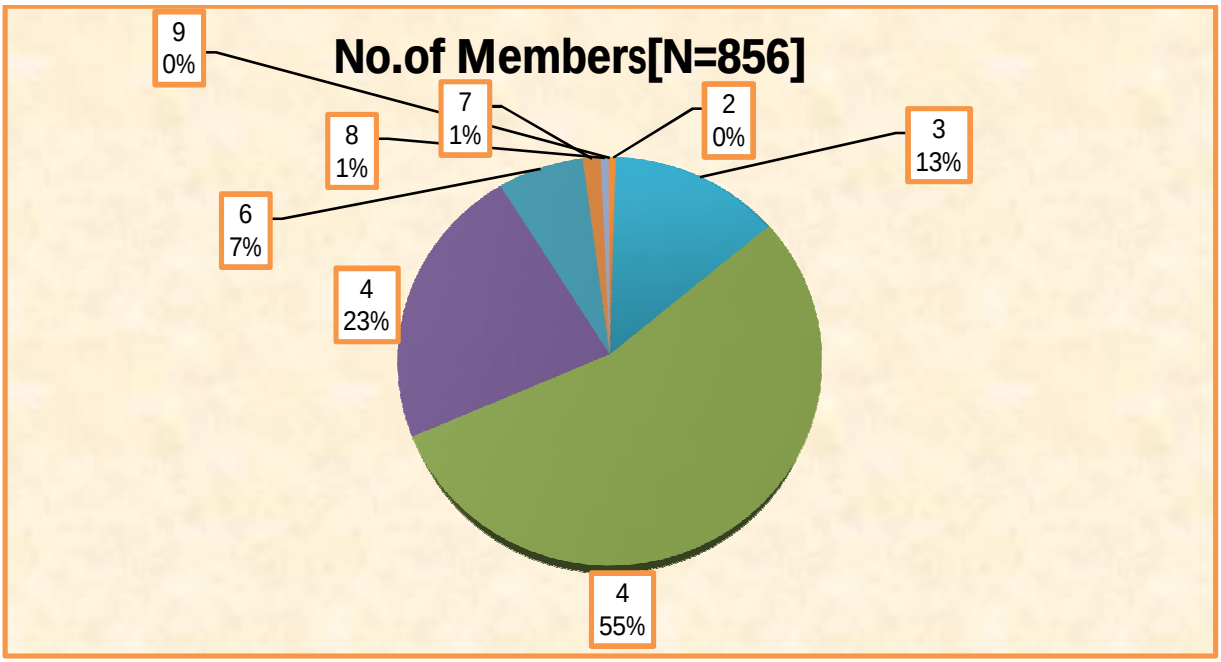
Figure : 37 Association of No. of Members in the family with Obese



	2	3	4	4	6	7	8	9
BMI	0%	6%	5%	3%	7%	0%	0%	0%
WC	25%	24%	18%	14%	28%	8%	20%	0%
W/H Ratio	25%	20%	13%	11%	19%	8%	40%	0%

Most of the children live in a family of four members, around 55% .

Figure : 38 No. of Family Members



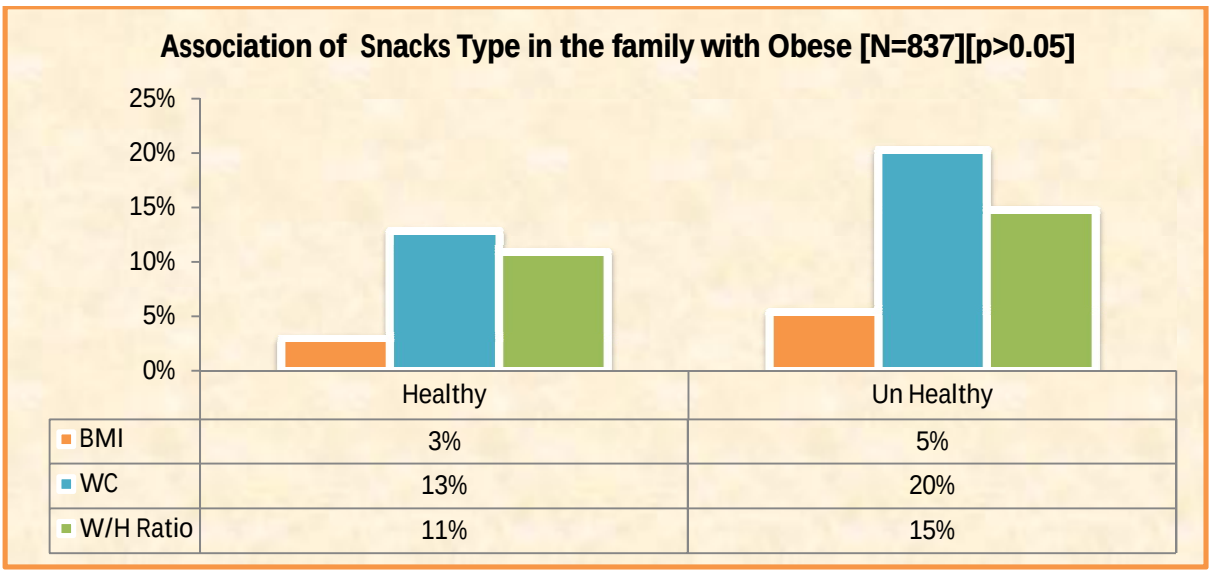
ASSOCIATION OF SNACK TYPES WITH OBESITY

According to this study, obesity is more in children who eat unhealthy snacks.

Table : 15 Association of Snacks eaten every day with Obese in study population

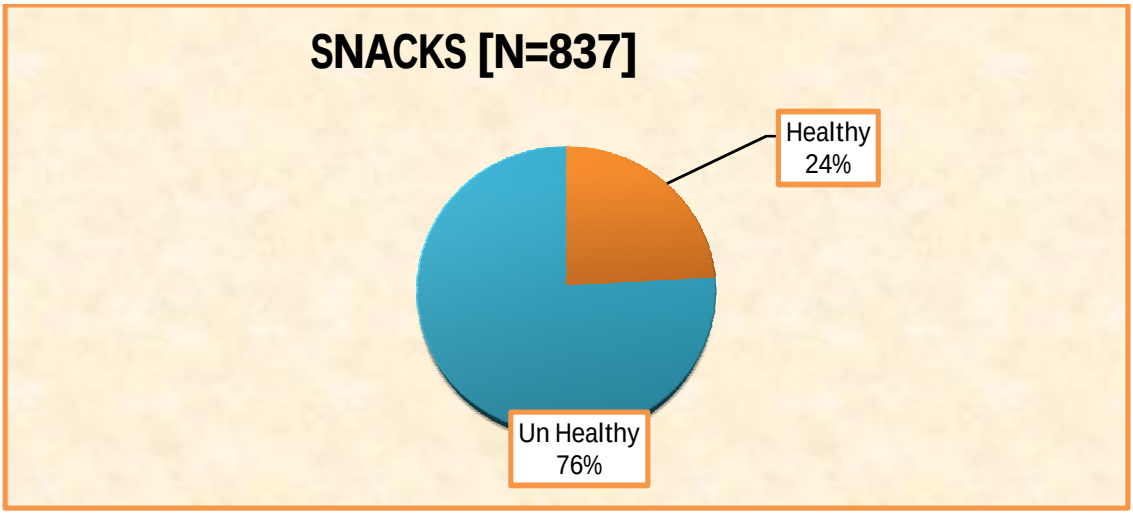
Association of Snacks eaten every day with Obese in study population				
		OBESE		
Snacks type	**Total**	BMI	WC*	W/H Ratio
Healthy	202	6	26	22
Un Healthy	635	34	129	94
* --> Significant at <0.05 level				

Figure : 39 Association of Snacks Type in the family with Obese



Almost 75% of children consume unhealthy snacks.

Figure : 40 Snacks and Obesity



NUMBER OF HOURS OF SCREEN VIEWING TIME WITH OBESITY

According to this study, the children with screen viewing time of more than 3 hours have risk of developing obesity.

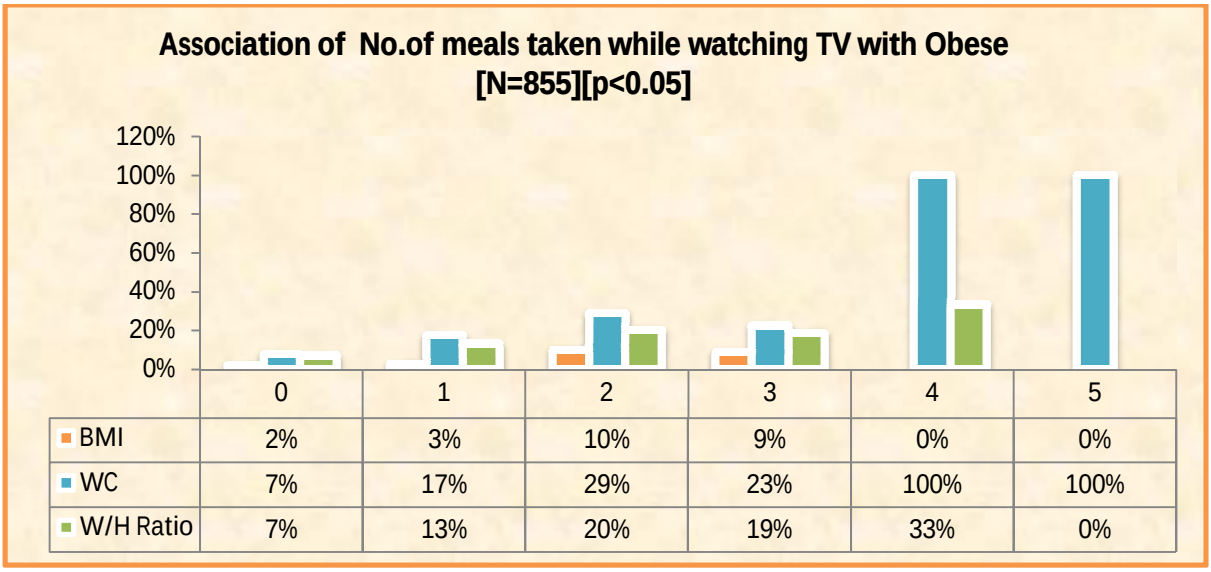
NUMBER OF MEALS TAKEN WHILE WATCHING ELECTRONIC GADGETS AND OBESITY

According to this study, obesity is found more in children who eat more than 3 meals while watching TV or using other electronic gadgets.

Table : 16 Association of No.of meals taken while watching TV with Obese in study population

Association of No.of meals taken while watching TV with Obese in study population				
		OBESE		
No.of Meals	**Total**	BMI*	WC*	W/H Ratio*
0	187	4	14	13
1	403	11	70	53
2	159	16	46	32
3	102	9	23	19
4	3	0	3	1
5	1	0	1	0
* --> Significant at <0.05 level				

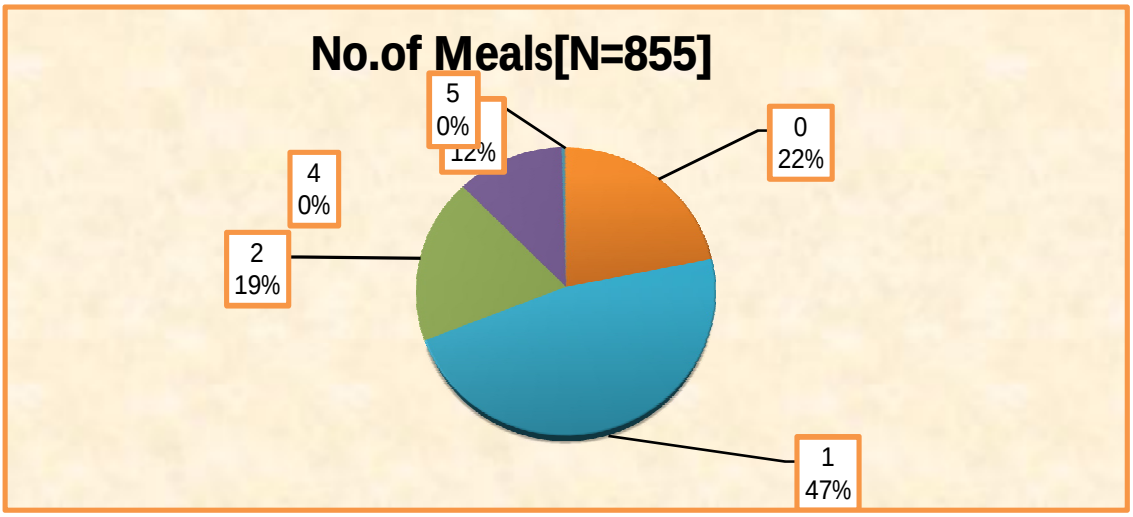
Figure : 41 Association of No.of meals taken while watching TV with Obese



	0	1	2	3	4	5
BMI	2%	3%	10%	9%	0%	0%
WC	7%	17%	29%	23%	100%	100%
W/H Ratio	7%	13%	20%	19%	33%	0%

Only 22% of children in our study eat food without watching or using other gadgets. Around 47% have one meal along with watching TV.

Figure : 42 No of Meals during screen viewing time



EXTRA CURRICULAR ACTIVITIES AND OBESITY

According to this study, obesity is more in children who play more indoor activities when compared with children who play outdoor activities.

Table : 17 Association of Extra Curricular activites with Obese in study population

Association of Extra Curricular activites with Obese in study population				
		OBESE		
Extra Curricular Activities	**Total**	BMI*	WC*	W/H Ratio*
Indoor	329	34	126	94
Outdoor	529	6	31	25
* --> Significant at <0.05 level				

Figure : 43 Association of Extra Curricular activities with Obese

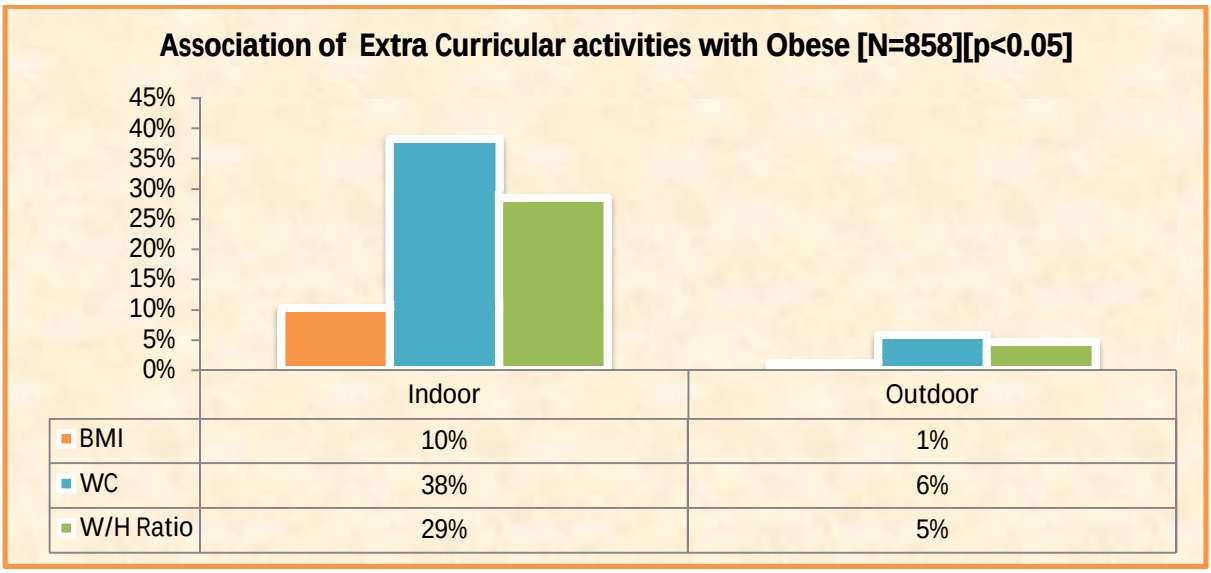
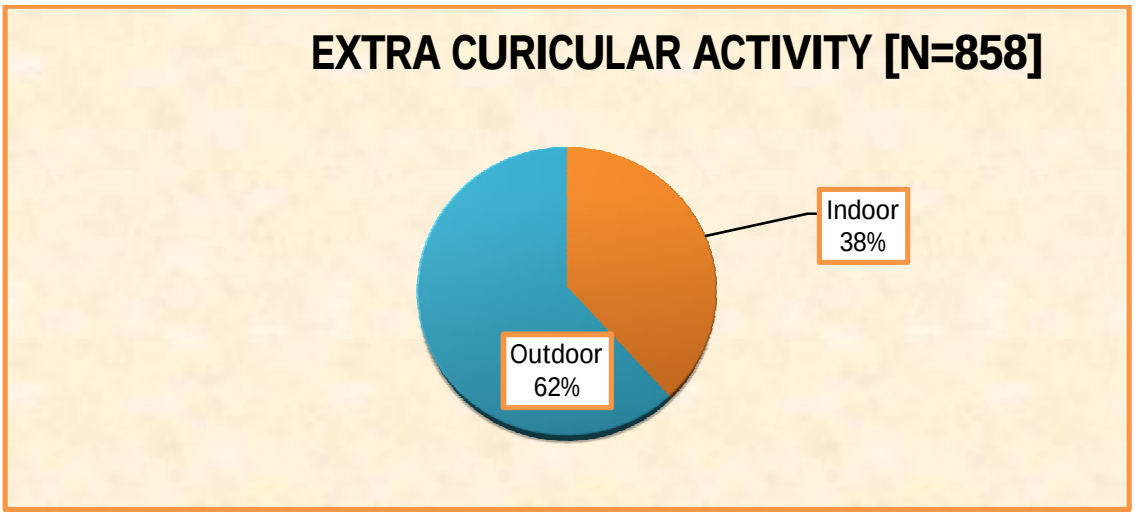


Table : 18 ODDS RATIO - Indoor Activity

ODDS RATIO - Indoor			
		BMI	10.046 [95% CI : 4.168 - 24.21]
		WC	9.971 [95% CI : 6.515 -15.259]
		W/H ratio	8.064 [95% CI : 5.053 - 12.869]

Most of the children predominantly play outdoor games only, 68%.

Figure : 44 Extra Curricular activities



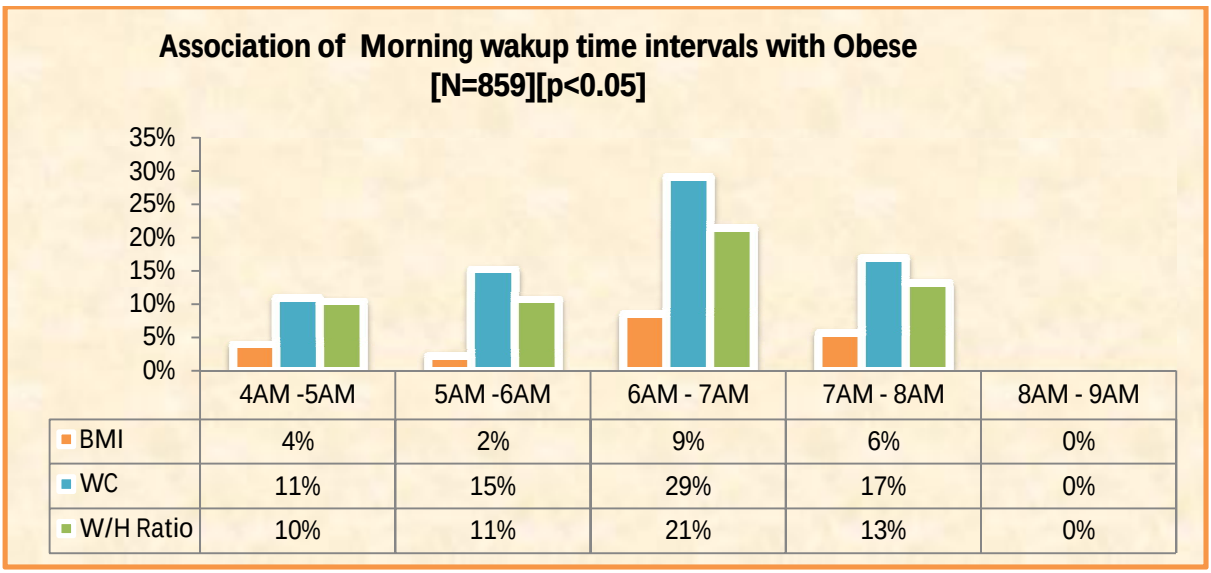
MORNING WAKING UP TIME AND OBESITY

According to this study, the risk for developing obesity is more for children who wake up after 6 am.

Table : 19 Association of Morning wakingup time Intervals with Obese in study population

Association of Morning wakingup time Intervals with Obese in study population				
		OBESE		
Time	**Total**	BMI*	WC*	W/H Ratio*
4AM -5AM	202	8	22	21
5AM -6AM	354	8	54	38
6AM - 7AM	247	21	72	53
7AM - 8AM	53	3	9	7
8AM - 9AM	3	0	0	0
* --> Significant at <0.05 level				

Figure : 45 Association of Morning wake up time intervals with Obese

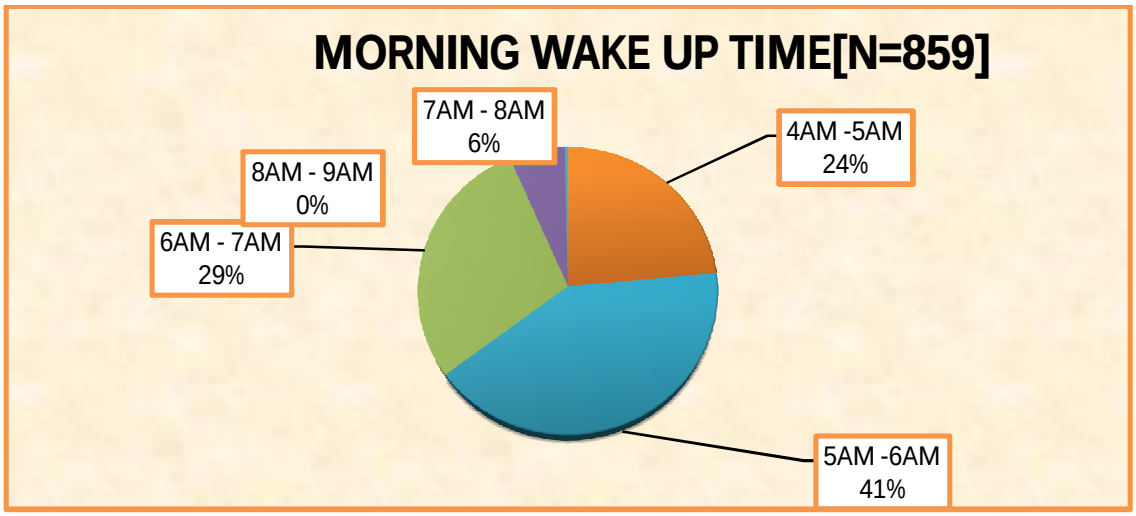


	4AM -5AM	5AM -6AM	6AM - 7AM	7AM - 8AM	8AM - 9AM
BMI	4%	2%	9%	6%	0%
WC	11%	15%	29%	17%	0%
W/H Ratio	10%	11%	21%	13%	0%

The majority of kids around 41% wake up between 5 and 6 am.

Around 53 children wake up after 7 am, and almost 20% of them are obese.

Figure : 46 Morning Wake Up Time



NIGHT SLEEPING TIME AND OBESITY

According to this study, obesity is more in children who sleep after 10 pm.

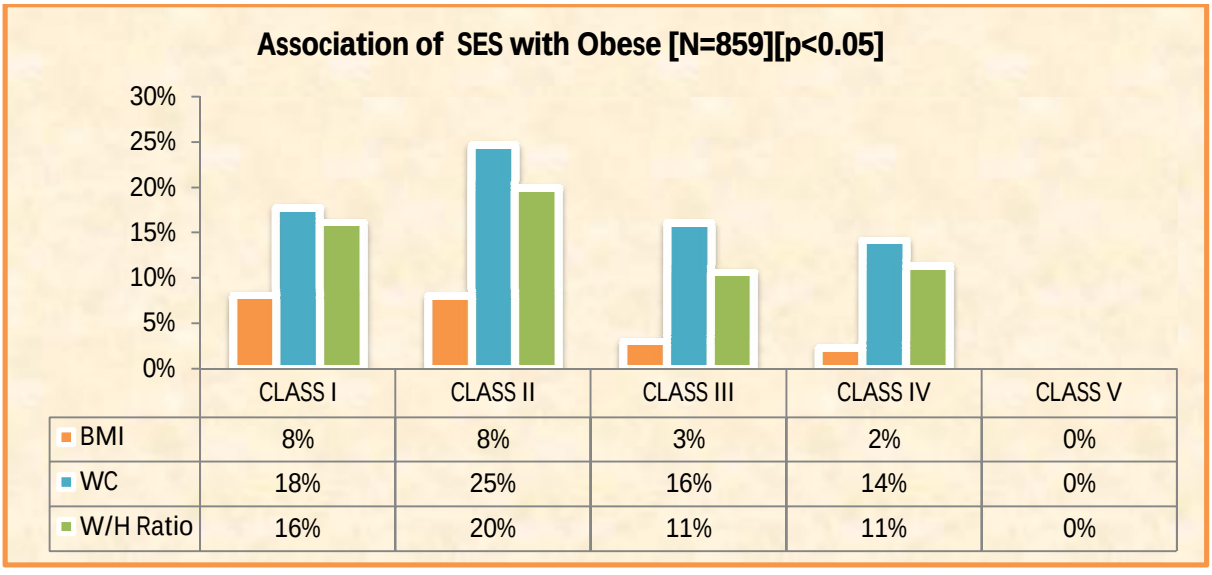
SOCIO ECONOMIC STATUS AND OBESITY

According to this study, obesity is more in class 2 followed by class 1.

Table : 20 Association of SES with Obesity

Association of SES with Obese in study population				
		OBESE		
SES	**Total**	BMI*	WC*	W/H Ratio*
CLASS I	62	5	11	10
CLASS II	251	20	62	50
CLASS III	367	11	59	39
CLASS IV	177	4	25	20
CLASS V	2	0	0	0
* --> Significant at <0.05 level				

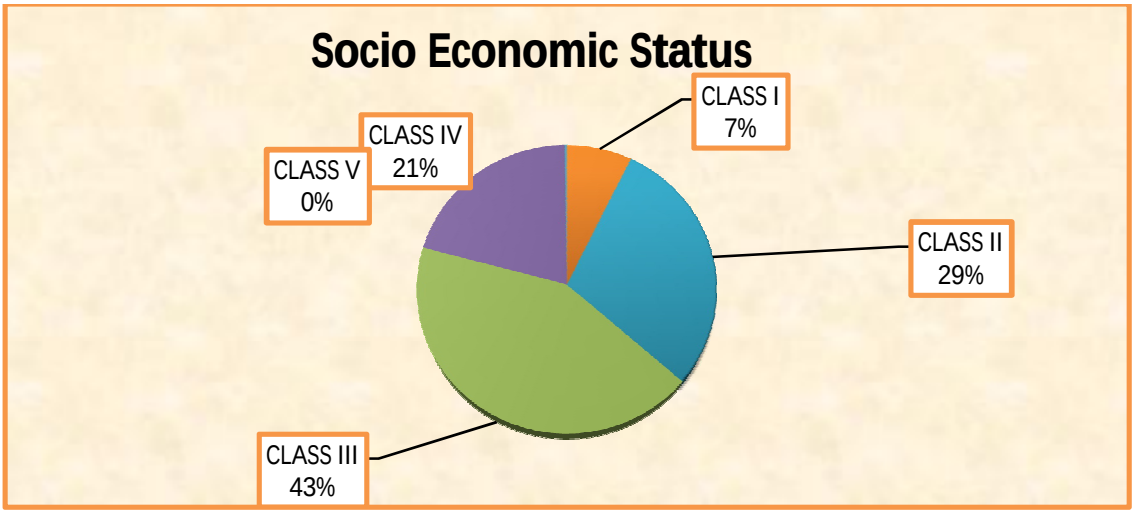
Figure : 47 Association of SES with Obese



Most of the children, 43% belong to class 3 of Modified Kuppusamy Scale.

There is no one in class 5.

Figure : 48 Socio Economic Status



The below table shows the mean of the variables with obesity for BMI

Table : 21 Mean of Clinical Variables with Obesity as per BMI

Mean of Clinical Variables with Obesity as per BMI								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	13.1	1.37	12.64	13.51	11	15	
	NO	13.0	1.43	12.89	13.09	11	15	>0.05
	Total	13.0	1.42	12.90	13.09	11	15	
Father Age	YES	43.5	3.90	42.23	44.72	35	55	
	NO	42.7	5.25	42.30	43.03	31	80	>0.05
	Total	42.7	5.19	42.35	43.05	31	80	
Mother Age	YES	38.0	4.92	36.45	39.60	30	50	
	NO	37.4	5.03	37.06	37.75	23	67	>0.05
	Total	37.4	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	3.3	1.43	2.88	3.79	0	6	
	NO	2.4	1.87	2.29	2.55	0	12	<0.01
	Total	2.5	1.86	2.34	2.59	0	12	
Night sleeping time	YES	10.1	0.88	9.82	10.38	8	12	
	NO	9.7	1.09	9.65	9.80	1	12.3	<0.05
	Total	9.7	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.3	0.88	5.99	6.55	4	8	
	NO	5.9	0.99	5.83	5.96	4	9	<0.05
	Total	5.9	0.99	5.85	5.98	4	9	
Weight	YES	57.4	11.40	53.78	61.07	35	89	
	NO	40.8	8.15	40.23	41.35	22	71	<0.001
	Total	41.6	9.03	40.96	42.17	22	89	
Height	YES	142.8	12.59	138.80	146.85	120	167	
	NO	150.1	9.58	149.39	150.71	115	177	<0.001
	Total	149.7	9.85	149.05	150.37	115	177	
BMI	YES	28.2	4.51	26.73	29.61	22.52	41.6	
	NO	18.1	2.87	17.86	18.25	11.9	26.89	<0.001
	Total	18.5	3.65	18.28	18.77	11.9	41.6	
WC	YES	77.60	4.67	76.11	79.09	70	97	
	NO	64.67	8.25	64.10	65.23	30	93	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.55	0.05	0.53	0.56	0.48	0.66	
	NO	0.43	0.05	0.43	0.43	0.2	0.65	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

The below table shows the mean of the variables with obesity for WC

Table : 22 Mean of Clinical Variables with Obesity as per WC

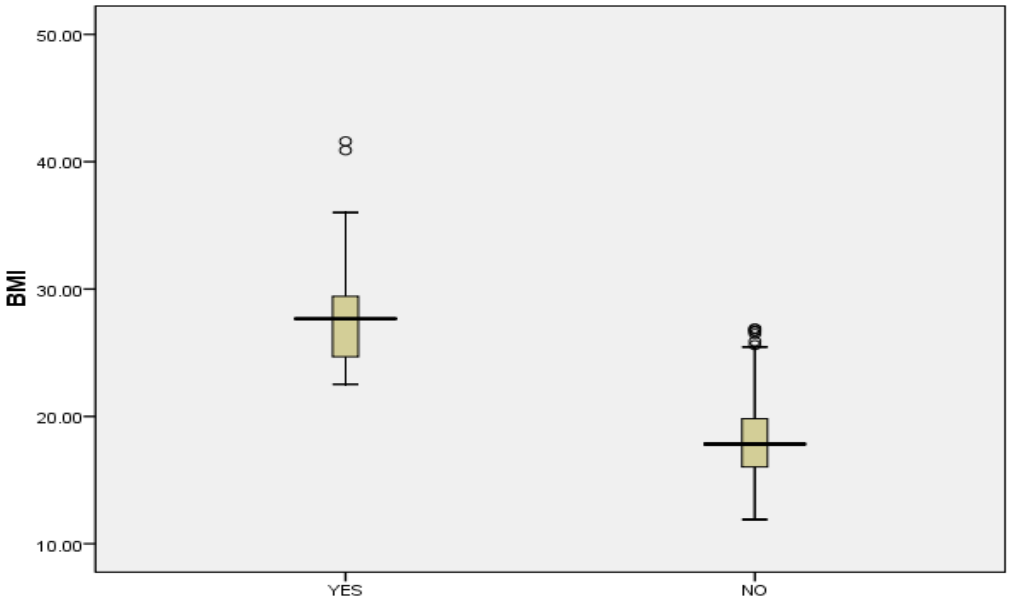
Mean of Clinical Variables with Obesity as per WC								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	12.94	1.40	12.72	13.16	11	15	
	NO	13.01	1.43	12.90	13.11	11	15	>0.05
	Total	13.00	1.42	12.90	13.09	11	15	
Father Age	YES	43.11	4.26	42.43	43.79	32	55	
	NO	42.61	5.38	42.21	43.01	31	80	>0.05
	Total	42.70	5.19	42.35	43.05	31	80	
Mother Age	YES	37.73	4.46	37.02	38.43	29	52	
	NO	37.37	5.14	36.99	37.75	23	67	>0.05
	Total	37.44	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	3.12	1.64	2.86	3.38	0	12	
	NO	2.31	1.87	2.17	2.45	0	12	<0.01
	Total	2.46	1.86	2.34	2.59	0	12	
Night sleeping time	YES	9.95	0.83	9.82	10.08	8	12	
	NO	9.70	1.13	9.62	9.78	1	12.3	<0.01
	Total	9.75	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.16	0.85	6.02	6.29	4	8	
	NO	5.86	1.01	5.78	5.93	4	9	<0.05
	Total	5.91	0.99	5.85	5.98	4	9	
Weight	YES	51.42	9.23	49.97	52.88	30	89	
	NO	39.36	7.36	38.82	39.91	22	70	<0.001
	Total	41.57	9.03	40.96	42.17	22	89	
Height	YES	149.23	11.27	147.46	151.01	115	170	
	NO	149.82	9.51	149.12	150.53	120	177	>0.05
	Total	149.71	9.85	149.05	150.37	115	177	
BMI	YES	23.22	4.21	22.55	23.88	13.16	41.6	
	NO	17.48	2.52	17.29	17.66	11.9	28.4	<0.001
	Total	18.53	3.65	18.28	18.77	11.9	41.6	
WC	YES	77.23	5.11	76.43	78.04	67	97	
	NO	62.59	6.69	62.10	63.09	30	92	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.52	0.05	0.51	0.53	0.45	0.66	
	NO	0.42	0.04	0.42	0.42	0.2	0.59	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

The below table shows the mean of the variables with obesity for WHR

Table : 23 Mean of Clinical variables with Obesity as per WHR

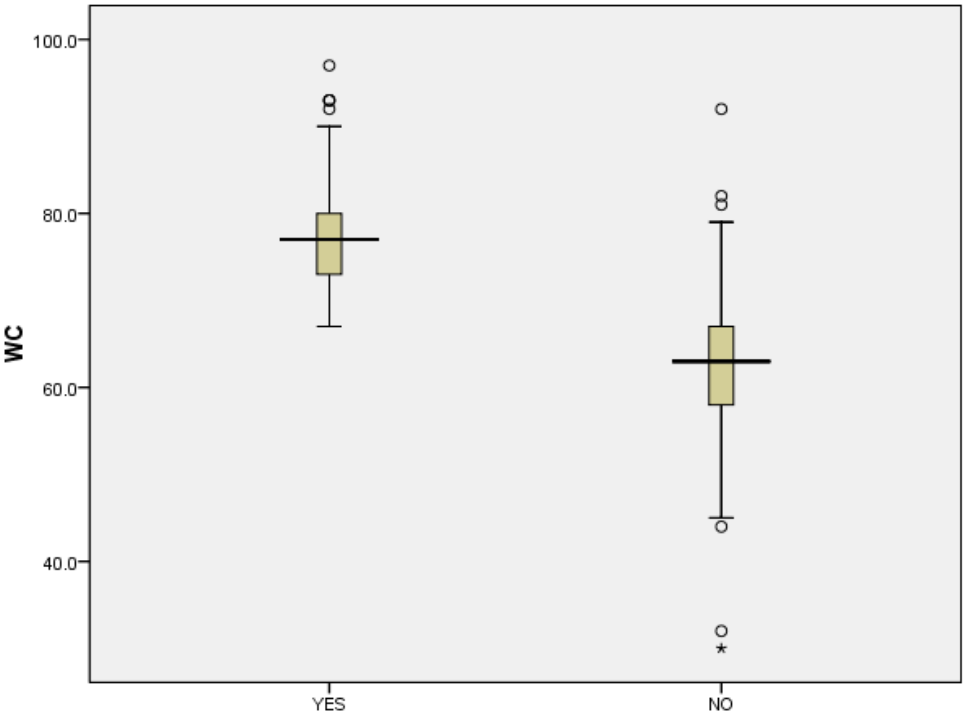
Mean of Clinical Variables with Obesity as per W/H ratio								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	13.22	1.34	12.98	13.46	11	15	
	NO	12.96	1.43	12.86	13.06	11	15	>0.05
	Total	13.00	1.42	12.90	13.09	11	15	
Father Age	YES	43.42	4.28	42.63	44.21	32	55	
	NO	42.59	5.32	42.20	42.98	31	80	>0.05
	Total	42.70	5.19	42.35	43.05	31	80	
Mother Age	YES	37.76	4.60	36.93	38.60	29	52	
	NO	37.38	5.09	37.01	37.75	23	67	>0.05
	Total	37.44	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	2.99	1.50	2.72	3.26	0	9	
	NO	2.38	1.90	2.24	2.51	0	12	<0.01
	Total	2.46	1.86	2.34	2.59	0	12	
Night sleeping time	YES	9.87	0.84	9.72	10.02	8	12	
	NO	9.73	1.12	9.65	9.81	1	12.3	>0.05
	Total	9.75	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.09	0.88	5.93	6.25	4	8	
	NO	5.88	1.00	5.81	5.96	4	9	<0.05
	Total	5.91	0.99	5.85	5.98	4	9	
Weight	YES	52.00	10.35	50.12	53.88	30	89	
	NO	39.89	7.56	39.34	40.43	22	70	<0.001
	Total	41.57	9.03	40.96	42.17	22	89	
Height	YES	146.05	11.91	143.89	148.22	115	169	
	NO	150.30	9.35	149.63	150.98	120	177	<0.001
	Total	149.71	9.85	149.05	150.37	115	177	
BMI	YES	24.39	4.13	23.64	25.14	13.16	41.6	
	NO	17.58	2.51	17.40	17.76	11.9	28.4	<0.001
	Total	18.53	3.65	18.28	18.77	11.9	41.6	
WC	YES	78.11	5.47	77.11	79.10	60	97	
	NO	63.20	7.04	62.69	63.71	30	92	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.54	0.04	0.53	0.54	0.45	0.66	
	NO	0.42	0.04	0.42	0.42	0.2	0.59	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

Figure : 49 Obesity as per BMI



The below table shows the mean of the variables with obesity for WC.

Figure : 50 Obesity as per WC



The below table shows the mean of the variables with obesity for WHR.

Figure : 51 Obesity as per W/H ratio

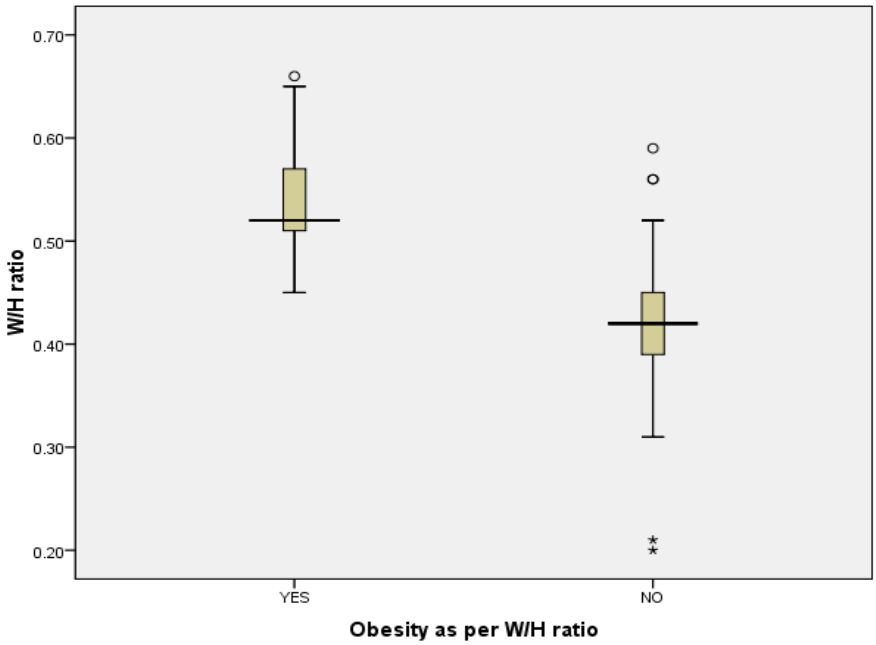


Figure : 52 ROC CURVE

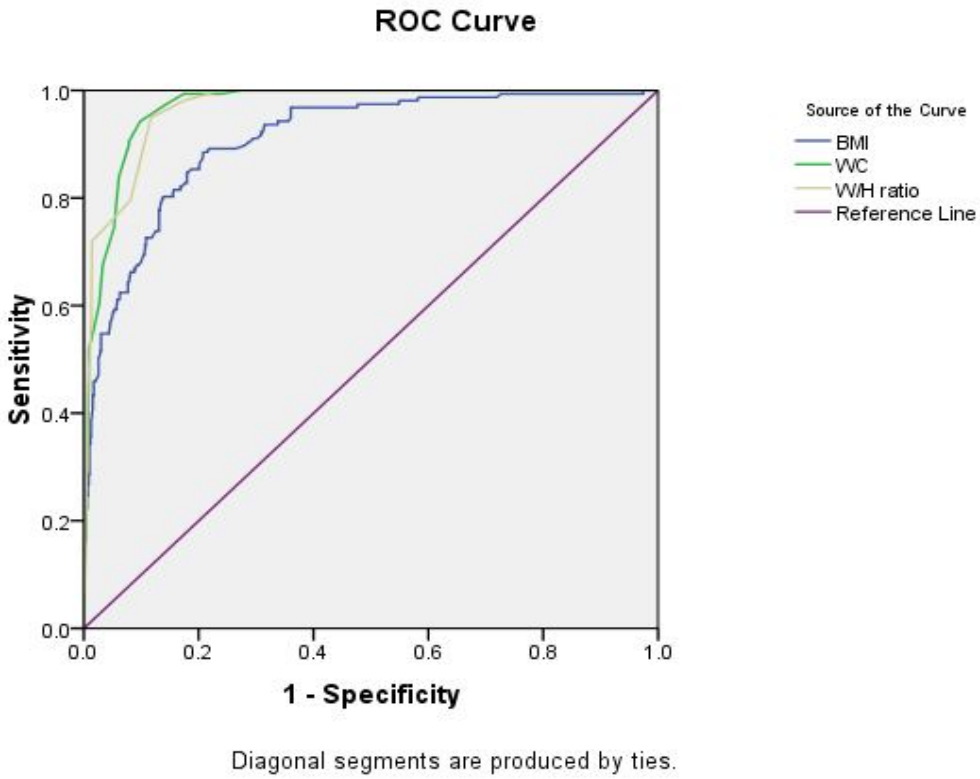


TABLE : 24 Area under the Curve

Area Under the Curve					
Test Result Variable(s)	Area	Std. Error[a]	Asymptotic Sig.[b]	Asymptotic 95% Confidence Interval	
				Lower Bound	Upper Bound
BMI	0.909	0.013	0.000	0.884	0.934
WC	0.969	0.005	0.000	0.959	0.979
W/H ratio	0.968	0.005	0.000	0.957	0.978
The test result variable(s): BMI, WC, W/H ratio has at least one tie between the positive actual state group and the negative actual state group. Statistics may be biased.					
a. Under the nonparametric assumption					
b. Null hypothesis: true area = 0.5					

The above diagram shows the ROC curve and the sensitivity of the three indices.

STATISTICAL ANALYSIS

Statistical Analysis:

The data are reported as the mean +/- SD or the median, depending on their distribution. The differences in quantitative variables between groups were assessed by means of the unpaired t test. Comparison between groups was made by the Non parametric Mann - Whitney test ANOVA was used to assess the quantitative variables. A Chi Square test was used to assess differences in categoric variables between groups. ROC curve and Odds ratio were performed.

A p value of <0.05 using a two-tailed test was taken as being of significance for all statistical tests. All data were analysed with a statistical software package .(SPSS, version 16.0 for windows)

DISCUSSION

The principal outcome of the study was to estimate the prevalence of obesity in 11 to 15 year old school children using BMI, WC and WHR. When compared with other studies which were done in urban schools the prevalence is within the range of 1-13% and when WC is used the prevalence is 18%, which is slightly higher.

Much studies have not been conducted using all three parameters for estimation of obesity and hence in this study we could estimate that by using WC for estimating obesity, then the prevalence increases by 13.6% and by using WHR the estimation of obesity increases by 9.2% and by using combined WC and WHR the estimation of obesity increases by 11.4% than BMI which only estimates 5% of obesity. Thus if only a single factor such as BMI is used obesity may be underdiagnosed.

Obesity, in this study, is also more in private schools when compared with government schools similar to other studies and more in females which is also similar in other studies.

Various risk factors like number of hours of screen viewing time, number of meals consumed during that time, more indoor activities and late night sleep which are statistically significant and which increase the risk of obesity has been studied.

Other details like the educational status of parents, their profession, family income and the socio-economic status have been studied.

Details like family size and the number of siblings have been studied. Though not all the variables are statistically significant the risk of not becoming obese with increased family members and more siblings has been studied.

SUMMARY

- Total no of children included in the study-860 170 children were included in each group from 11-15 years.
- Number of males -340 and the number of females-520
- The total number of children from private school-460 and the number of children from government school -400
- From this study, the prevalence is according to BMI - 5% are obese, WC - 18% are obese, WHR - 14% are obese.

  The effect size - by WC more than BMI in estimating obesity is 14% .

- Obesity is more in children between 12-14 yrs than 11 1nd 15 yrs.
- Obesity is more in females in all age groups.
- Obese children are more in class 8 followed by class 7 and 9.
- Obesity is more in private schools when compared to government schools.
- Obese children are more for both father and mother who are semi skilled and those who are business men and agriculturists.
- Obese children are more in families who earn between Rs.12,000 and Rs.32,000.
- Children with screen viewing time of more than 3 hours are obese.
- Obesity is found more in children who eat more than 3 meals while

watching TV or using other electronic gadgets.

- Obesity is more in children who are involved in indoor activities.
- Obesity is more for children who wake up after 6 am.
- Obesity is more in children who sleep after 10 pm.
- Obesity is more in SES class 2 followed by class 1.

CONCLUSION

- Obesity is becoming a public health problem in our country.
- The overall prevalence of obesity in our study is within the same range as compared to other studies.

  If obesity is estimated using only BMI, obesity may be underdiagnosed.
- Major factors which influence the prevalence of obesity are increased number of hours of screen viewing time, number of meals consumed during that time, more indoor activities and late night sleep.

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DATE OF ASSESSMENT :

1. NAME: 2. AGE: 3. SEX: MALE / FEMALE

4. D.O.B: 5. STANDARD:

6. NAME OF SCHOOL:

7. FATHER'S NAME: 8. AGE: 9. EDU. QUAL: 10. OCCUPATION:

11. MOTHER'S NAME: 12. AGE: 13. EDU. QUAL: 14. OCCUPATION:

15. MONTHLY INCOME OF FAMILY :

16. LIVING WITH : PARENT / GRAND PARENT / GUARDIAN

17. NO OF SIBLINGS : BROTHER: SISTER:

18. NO OF MEMBERS IN FAMILY :

19. SNACKS EATEN EVERY DAY :

20. NO OF HOURS WATCHING TV :

21. NO OF MEALS TAKEN WATCHING TV :

22. EXTRA CURRICULAR ACTIVITIES : INDOOR / OUTDOOR DAYS / WEEK:

23. NIGHT SLEEPING TIME : 5 DAYS / WEEK:

24. MORNING WAKING TIME : 5 DAYS / WEEK:

25. ANY DOCUMENTED MEDICAL ILLNESS IN SCHOOLHEALTH RECORD :

IF YES :

26. ANY OBVIOUS EXTERNAL ANOMALY :

27. SOCIOECONOMICS STATUS :

28. WEIGHT IN KG :

29. HEIGHT IN CM :

30. WAIST CIRCUMFERENCE IN CM :

31. BMI :

32. WAIST HEIGHT RATIO :

33. OBESITY AS PER BMI:

34. OBESITY AS PER WAIST CIRCUMFERENCE :

35. OBESITY AS PER WAIST HEIGHT RATIO :

xggpj;gotk;

gs;spbgah; :

Kfthp :

muRnfhitkUj;Jtf;fy;Yhhpapy;bghJkUj;Jt Jiwapy;glhl;nkwgoggpaYk;khztp **M.mUe;jjp**mth;fs;nkwpbfhs;Sk;"**nfhitkhtl;ljjpy;11-15taJcss;sgs;spbry;Yk;FHe;ijfspd;cly;gUkidMuha;jy;**" gwwpa Ma;tpy; bra;Kiw kwWk; midj;Jtpsf;f';fisak;nfl;Lf;bfhz;L vdJ ren;jf';fis bjhptpgLj;jpf;bfhz;nld;vdgij bjhptpj;Jf;bfhs;fpnwd;

ehd;,e;j Ma;tpy;,e;j gs;spFHe;ijfis fye;Jbfhs;s KGrkak;jj;JlDk;/Rarpe;jidapDk; rkak;jpf;fpnwd;

,e;j Ma;tpy; gs;spFHe;ijfs; gwwpa midj;Jtpgu';fs; ghJfhf;fg;gLtJld; ,jd; Kot[fs; Ma;tpjHpy; btspapLggLtjpy; Mlnrgiz ,y;iy vdgij bjhptpj;Jf;bfhs;fpnwd;ve;j neuj;jpYk;,e;j Ma;tpy; ,Ue;J ehd; tpyfpf;bfhs;s vdfF chpik czL vdgijak;mwpntd;

,lk;

njjp

ANNEXURE - 2

REVISED TABLE FOR SCALES IN 2012 TO DEFINE SOCIOECONOMIC STATUS

(A) Education Score		
1	Profession or Honours	*7*
2	Graduate or post graduate	*6*
3	Intermediate or post high school diploma	*5*
4	High school certificate	*4*
5	Middle school certificate	*3*
6	Primary school certificate	*2*
7	Illiterate	*1*

(B) Occupation Score		
1	Profession	*10*
2	Semi-Profession	*6*
3	Clerical, Shop-owner, Farmer	*5*
4	Skilled worker	*4*
5	Semi-skilled worker	*3*
6	Unskilled worker	*2*
7	Unemployed	*1*

(C) Monthly family income in Rs		*Score*	*Modified for 1998* [3] *in* Rs	Modified for 2012 in Rs
1	≥ 2000	*12*	≥ 13500	≥32050
2	1000-1999	*10*	6750 - 13499	*16020 – 32049*
3	750-999	*6*	5050 - 6749	*12020 – 16019*
4	500-749	*4*	3375 - 5049	*8010 – 12019*
5	300-499	*3*	2025 - 3374	*4810 – 8009*
6	101-299	*2*	676 - 2024	*1601 – 4809*
7	≤ 100	*1*	≤ 675	*≤ 1600*

Total Score	Socioeconomic class
26-29	Upper (I)
16-25	Upper Middle (II)
11-15	Middle/Lower middle (III)
5-10	Lower/Upper lower (IV)
<5	Lower (V)

ANNEXURE - 3

HEIGHT(cm) CENTILES AND STANDARD DEVIATION FOR BOYS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	99.0	102.3	105.6	108.9	112.4	115.9	119.4	5.7
5.5	101.6	105.0	108.4	111.9	115.4	119.0	122.7	5.3
6.0	104.2	107.7	111.2	114.8	118.5	122.2	126.0	5.6
6.5	106.8	110.4	114.0	117.8	121.6	125.4	129.3	5.5
7.0	109.3	113.0	116.8	120.7	124.6	128.6	132.6	5.9
7.5	111.8	115.7	119.6	123.5	127.6	131.7	135.9	5.7
8.0	114.3	118.2	122.3	126.4	130.5	134.8	139.1	6.3
8.5	116.7	120.8	124.9	129.1	133.4	137.8	142.2	6.1
9.0	119.0	123.2	127.5	131.8	136.3	140.7	145.3	6.4
9.5	121.3	125.6	130.0	134.5	139.1	143.7	148.3	6.4
10.0	123.6	128.1	132.6	137.2	141.9	146.6	151.4	6.8
10.5	125.9	130.5	135.2	139.9	144.7	149.5	154.4	6.5
11.0	128.2	133.0	137.8	142.7	147.6	152.5	157.5	7.6
11.5	130.7	135.6	140.6	145.5	150.5	155.6	160.6	7.3
12.0	133.2	138.3	143.3	148.4	153.5	158.6	163.7	8.1
12.5	135.7	141.0	146.2	151.4	156.5	161.7	166.8	7.9
13.0	138.3	143.7	149.0	154.3	159.5	164.7	169.9	9.0
13.5	140.9	146.4	151.8	157.2	162.4	167.6	172.7	8.4
14.0	143.4	149.0	154.5	159.9	165.1	170.3	175.4	9.0
14.5	145.8	151.5	157.0	162.3	167.6	172.7	177.7	7.8
15.0	148.0	153.7	159.2	164.5	169.7	174.8	179.7	7.9
15.5	150.0	155.7	161.2	166.5	171.6	176.5	181.4	6.6
16.0	151.8	157.4	162.9	168.1	173.1	178.0	182.7	7.2
16.5	153.4	159.1	164.5	169.6	174.5	179.3	183.8	6.7
17.0	155.0	160.6	165.9	171.0	175.8	180.4	184.8	6.9
17.5	156.6	162.1	167.3	172.3	177.0	181.5	185.8	6.1
18.0	158.1	163.6	168.7	173.6	178.2	182.5	186.7	6.9

ANNEXURE - 4

HEIGHT(cm) CENTILES AND STANDARD DEVIATION FOR GIRLS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	97.2	100.5	103.9	107.5	111.3	115.2	119.3	5.4
5.5	99.8	103.2	106.8	110.5	114.4	118.3	122.5	5.7
6.0	102.3	106.0	109.7	113.5	117.4	121.5	125.6	5.8
6.5	104.9	108.7	112.5	116.5	120.5	124.6	128.7	5.5
7.0	107.4	111.4	115.4	119.4	123.5	127.7	131.9	6.1
7.5	110.0	114.1	118.2	122.4	126.6	130.8	135.0	6.0
8.0	112.6	116.8	121.1	125.4	129.6	133.9	138.1	6.2
8.5	115.2	119.6	124.0	128.4	132.7	137.0	141.3	6.8
9.0	117.8	122.4	126.9	131.4	135.8	140.2	144.5	6.9
9.5	120.5	125.2	129.9	134.4	138.9	143.3	147.6	6.6
10.0	123.3	128.1	132.8	137.4	142.0	146.4	150.8	7.8
10.5	126.1	130.9	135.7	140.4	145.0	149.5	153.9	7.3
11.0	128.8	133.7	138.6	143.3	147.9	152.4	156.8	7.9
11.5	131.5	136.4	141.2	145.9	150.6	155.1	159.6	7.1
12.0	134.0	138.9	143.7	148.4	153.0	157.5	162.0	7.0
12.5	136.3	141.1	145.8	150.5	155.1	159.6	164.1	6.7
13.0	138.2	142.9	147.6	152.2	156.8	161.3	165.9	6.9
13.5	139.9	144.5	149.1	153.6	158.2	162.7	167.2	6.0
14.0	141.3	145.8	150.2	154.7	159.2	163.7	168.2	6.6
14.5	142.4	146.8	151.1	155.5	160.0	164.5	169.0	5.9
15.0	143.3	147.5	151.8	156.1	160.5	165.0	169.5	6.6
15.5	144.1	148.1	152.3	156.6	160.9	165.3	169.8	5.9
16.0	144.7	148.6	152.7	156.9	161.2	165.6	170.1	6.1
16.5	145.2	149.1	153.1	157.2	161.4	165.7	170.2	6.4
17.0	145.7	149.5	153.4	157.4	161.6	165.9	170.4	6.5
17.5	146.2	149.8	153.6	157.6	161.7	166.0	170.5	6.7
18.0	146.6	150.2	153.9	157.8	161.9	166.1	170.6	6.6

ANNEXURE - 5

WEIGHT(Kg) CENTILES AND STANDARD DEVIATION FOR BOYS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	13.2	14.3	15.6	17.1	19.0	21.3	24.2	3.2
5.5	13.8	15.0	16.5	18.2	20.3	22.9	26.1	2.9
6.0	14.5	15.8	17.4	19.3	21.7	24.6	28.3	3.6
6.5	15.3	16.8	18.6	20.7	23.3	26.6	30.8	3.8
7.0	16.0	17.6	19.6	21.9	24.9	28.6	33.4	4.2
7.5	16.7	18.5	20.7	23.3	26.6	30.8	36.2	4.9
8.0	17.5	19.5	21.9	24.8	28.5	33.2	39.4	5.7
8.5	18.3	20.5	23.2	26.4	30.5	35.7	42.6	6.5
9.0	19.1	21.5	24.3	27.9	32.3	38.0	45.5	6.3
9.5	19.9	22.4	25.6	29.4	34.3	40.5	48.6	7.0
10.0	20.7	23.5	26.9	31.1	36.3	43.0	51.8	7.9
10.5	21.6	24.6	28.3	32.8	38.5	45.8	55.2	8.3
11.0	22.6	25.9	29.8	34.7	40.9	48.7	58.7	8.9
11.5	23.8	27.3	31.6	36.9	43.5	51.8	62.5	9.3
12.0	24.9	28.7	33.3	39.0	46.0	54.8	66.1	10.0
12.5	26.1	30.2	35.1	41.2	48.6	57.8	69.5	10.6
13.0	27.5	31.8	37.0	43.3	51.1	60.7	72.6	11.3
13.5	29.0	33.6	39.1	45.7	53.8	63.6	75.6	11.4
14.0	30.7	35.5	41.3	48.2	56.4	66.3	78.3	12.1
14.5	32.6	37.7	43.7	50.8	59.1	69.1	80.9	11.6
15.0	34.5	39.8	45.9	53.1	61.6	71.5	83.1	12.1
15.5	36.1	41.6	47.9	55.2	63.6	73.4	84.7	11.2
16.0	37.5	43.1	49.5	56.8	65.2	74.8	85.8	12.2
16.5	38.7	44.4	50.9	58.2	66.6	76.1	86.8	12.6
17.0	39.8	45.6	52.1	59.5	67.8	77.1	87.5	12.3
17.5	40.8	46.7	53.2	60.6	68.7	77.8	88.0	12.3
18.0	41.8	47.7	54.3	61.6	69.7	78.6	88.4	11.3

ANNEXURE - 6

WEIGHT(Kg) CENTILES AND

STANDARD DEVIATION FOR GIRLS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	12.3	13.4	14.8	16.4	18.5	21.3	25.0	2.5
5.5	13.0	14.3	15.7	17.6	19.9	22.9	27.0	3.5
6.0	13.7	15.1	16.7	18.7	21.3	24.6	29.1	3.4
6.5	14.4	15.9	17.7	19.9	22.7	26.3	31.2	4.1
7.0	15.1	16.8	18.7	21.2	24.2	28.2	33.4	4.4
7.5	15.9	17.7	19.9	22.5	25.9	30.1	35.7	4.8
8.0	16.7	18.7	21.1	24.0	27.6	32.2	38.1	5.2
8.5	17.5	19.7	22.3	25.5	29.5	34.4	40.7	6.4
9.0	18.5	20.9	23.7	27.2	31.5	36.7	43.4	6.4
9.5	19.5	22.1	25.3	29.0	33.6	39.3	46.3	6.9
10.0	20.7	23.5	26.9	31.0	36.0	42.0	49.4	7.7
10.5	22.0	25.1	28.8	33.2	38.4	44.8	52.6	8.3
11.0	23.3	26.7	30.7	35.4	41.0	47.7	55.9	8.5
11.5	24.8	28.4	32.6	37.6	43.6	50.6	59.1	9.1
12.0	26.2	30.0	34.5	39.8	46.0	53.4	62.1	9.0
12.5	27.6	31.6	36.3	41.8	48.2	55.8	64.8	9.7
13.0	28.9	33.1	37.9	43.6	50.2	57.9	67.1	9.4
13.5	30.2	34.4	39.4	45.1	51.8	59.7	69.0	9.8
14.0	31.3	35.6	40.6	46.4	53.2	61.1	70.4	9.6
14.5	32.3	36.6	41.7	47.5	54.3	62.2	71.4	9.4
15.0	33.1	37.5	42.5	48.4	55.1	62.9	72.1	9.6
15.5	34.0	38.3	43.3	49.1	55.8	63.5	72.5	8.7
16.0	34.7	39.1	44.0	49.7	56.3	64.0	72.8	8.7
16.5	35.5	39.8	44.7	50.3	56.9	64.4	73.1	9.2
17.0	36.2	40.5	45.3	50.9	57.3	64.7	73.3	8.8
17.5	36.9	41.1	46.0	51.5	57.8	65.0	73.4	9.5
18.0	37.6	41.8	46.6	52.0	58.2	65.3	73.5	10.2

ANNEXURE- 7

BODY MASS INDEX PERCENTILE AND STANDARD DEVIATION FOR BOYS

Age	*3*	*5*	*10*	*25*	*50*	*23 Eq(71)*	*27 Eq(90)*	*SD*
5.0	12.1	12.4	12.8	13.6	14.7	15.7	17.5	1.6
5.5	12.2	12.4	12.9	13.7	14.8	15.8	17.6	1.5
6.0	12.2	12.5	12.9	13.7	14.9	16.0	17.8	1.8
6.5	12.3	12.5	13.0	13.8	15.0	16.1	18.0	1.8
7.0	12.3	12.6	13.1	13.9	15.1	16.3	18.2	1.9
7.5	12.4	12.7	13.2	14.1	15.3	16.5	18.5	2.2
8.0	12.5	12.8	13.3	14.2	15.5	16.7	18.8	2.5
8.5	12.6	12.9	13.4	14.4	15.7	17.0	19.2	2.8
9.0	12.7	13.0	13.5	14.5	15.9	17.3	19.6	2.6
9.5	12.8	13.1	13.7	14.7	16.2	17.6	20.1	2.8
10.0	12.9	13.2	13.8	14.9	16.4	18.0	20.5	3.1
10.5	13.0	13.3	14.0	15.1	16.7	18.3	21.0	3.2
11.0	13.1	13.5	14.1	15.4	17.0	18.7	21.5	3.2
11.5	13.2	13.6	14.3	15.6	17.3	19.1	22.1	3.3
12.0	13.3	13.8	14.5	15.8	17.7	19.5	22.6	3.4
12.5	13.5	13.9	14.6	16.0	17.9	19.8	23.0	3.6
13.0	13.6	14.0	14.8	16.3	18.2	20.2	23.4	3.5
13.5	13.7	14.2	14.9	16.5	18.5	20.5	23.8	3.7
14.0	13.8	14.3	15.1	16.7	18.7	20.8	24.2	3.7
14.5	14.0	14.5	15.3	16.9	19.0	21.1	24.5	3.5
15.0	14.2	14.7	15.5	17.2	19.3	21.4	24.9	3.7
15.5	14.4	14.9	15.8	17.4	19.6	21.7	25.2	3.4
16.0	14.6	15.1	16.0	17.7	19.9	22.0	25.5	3.7
16.5	14.9	15.4	16.3	18.0	20.2	22.4	25.8	3.8
17.0	15.1	15.6	16.6	18.3	20.5	22.6	26.0	3.8
17.5	15.4	15.9	16.8	18.6	20.8	22.9	26.3	3.6
18.0	15.6	16.2	17.1	18.9	21.1	23.2	26.6	3.2

ANNEXURE - 8

BODY MASS INDEX PERCENTILE AND STANDARD DEVIATION FOR GIRLS

Age	*3*	*5*	*10*	*25*	*50*	*23 Eq(75)*	*27 Eq(95)*	*SD*
5.0	11.9	12.1	12.5	13.3	14.3	15.5	18.0	1.4
5.5	11.9	12.2	12.6	13.4	14.4	15.7	18.3	1.7
6.0	12.0	12.2	12.7	13.5	14.5	15.9	18.6	1.7
6.5	12.1	12.3	12.8	13.6	14.7	16.1	18.9	2.0
7.0	12.1	12.4	12.8	13.7	14.9	16.4	19.3	2.1
7.5	12.2	12.5	12.9	13.9	15.1	16.6	19.7	2.2
8.0	12.3	12.6	13.1	14.0	15.3	16.9	20.1	2.3
8.5	12.3	12.7	13.2	14.2	15.6	17.2	20.5	2.7
9.0	12.4	12.8	13.3	14.4	15.8	17.6	21.0	2.7
9.5	12.5	12.9	13.5	14.6	16.1	18.0	21.4	2.8
10.0	12.7	13.1	13.7	14.9	16.5	18.4	21.9	2.9
10.5	12.8	13.2	13.9	15.2	16.8	18.8	22.5	3.1
11.0	13.0	13.4	14.1	15.5	17.2	19.3	23.0	3.1
11.5	13.2	13.7	14.4	15.8	17.6	19.8	23.6	3.3
12.0	13.4	13.9	14.7	16.1	18.0	20.2	24.1	3.2
12.5	13.7	14.2	15.0	16.5	18.4	20.7	24.7	3.3
13.0	13.9	14.4	15.2	16.8	18.8	21.1	25.2	3.2
13.5	14.1	14.6	15.5	17.1	19.1	21.5	25.6	3.5
14.0	14.3	14.9	15.7	17.3	19.4	21.8	25.9	3.4
14.5	14.5	15.1	16.0	17.6	19.7	22.0	26.2	3.3
15.0	14.7	15.2	16.1	17.8	19.9	22.3	26.3	3.4
15.5	14.9	15.4	16.3	18.0	20.1	22.4	26.4	3.1
16.0	15.0	15.6	16.5	18.2	20.3	22.6	26.5	3.1
16.5	15.2	15.8	16.7	18.4	20.4	22.8	26.6	3.2
17.0	15.4	16.0	16.9	18.6	20.6	22.9	26.7	3.0
17.5	15.5	16.1	17.1	18.7	20.8	23.1	26.7	3.1
18.0	15.7	16.3	17.3	18.9	21.0	23.2	26.8	3.6

ANNEXURE -9

SMOOTHED AND WEIGHTED AGE AND SEX SPECIFIC WAIST CIRCUMFERENCE PERCENTILE VALUES (cm) FOR INDIAN CHILDREN 3-16 YEARS OF AGE

Sex	Age (y)	Percentiles							
		5th	10th	25th	50th	75th	85th	90th	95th
Boys	3	42.9	44.0	46.0	48.4	51.1	52.7	53.9	55.7
	4	44.1	45.3	47.4	49.9	52.8	54.5	55.7	57.6
	5	45.2	46.5	48.7	51.5	54.6	56.4	57.8	59.8
	6	46.3	47.6	50.1	53.1	56.5	58.6	60.0	62.4
	7	47.4	48.8	51.5	54.8	58.6	60.9	62.5	65.2
	8	48.5	50.0	52.9	56.6	60.8	63.4	65.2	68.2
	9	49.6	51.3	54.4	58.4	63.1	66.0	68.1	71.5
	10	50.8	52.6	56.0	60.4	65.6	68.8	71.1	74.9
	11	52.2	54.1	57.8	62.5	68.1	71.7	74.2	78.5
	12	53.7	55.7	59.6	64.7	70.7	74.6	77.4	82.0
	13	55.4	57.6	61.7	67.0	73.4	77.5	80.4	85.4
	14	57.4	59.6	63.9	69.4	76.1	80.3	83.4	88.5
	15	59.7	62.0	66.3	72.0	78.7	83.0	86.1	91.3
	16	62.4	64.7	69.0	74.7	81.3	85.5	88.6	93.6
Girls	3	44.3	45.3	47.1	49.3	51.8	53.3	54.4	56.1
	4	44.6	45.7	47.7	50.2	52.9	54.6	55.8	57.7
	5	45.3	46.5	48.7	51.4	54.5	56.4	57.8	59.9
	6	46.3	47.6	49.9	52.9	56.4	58.6	60.1	62.6
	7	47.5	48.9	51.5	54.8	58.7	61.1	62.8	65.6
	8	48.9	50.4	53.2	56.8	61.1	63.8	65.8	69.0
	9	50.5	52.1	55.1	59.0	63.7	66.7	68.9	72.4
	10	52.2	53.9	57.1	61.3	66.4	69.6	72.0	75.9
	11	54.0	55.8	59.2	63.7	69.1	72.5	75.0	79.3
	12	55.8	57.7	61.3	66.0	71.6	75.2	77.9	82.3
	13	57.7	59.7	63.4	68.2	74.0	77.7	80.4	84.9
	14	59.7	61.7	65.4	70.2	76.1	79.7	82.5	87.0
	15	61.7	63.7	67.3	72.1	77.7	81.3	83.9	88.2
	16	63.7	65.6	69.1	73.6	79.0	82.3	84.7	88.6

Age: completed age, e.g. 3 y = 3.00-3.99 y

ANNEXURE - 10

SMOOTHED AND WEIGHTED AGE AND SEX SPECIFIC WAIST - HEIGHT(WHT) RATIO PERCENTILE VALUES FOR INDIAN CHILDREN 3-16 YEARS OF AGE

Sex	Age (y)	Percentiles							
		5th	10th	25th	50th	75th	85th	90th	95th
Boys	3	0.44	0.45	0.47	0.50	0.52	0.54	0.55	0.56
	4	0.43	0.44	0.46	0.49	0.51	0.53	0.54	0.56
	5	0.42	0.43	0.45	0.48	0.51	0.52	0.53	0.55
	6	0.41	0.42	0.45	0.47	0.50	0.51	0.52	0.54
	7	0.40	0.41	0.44	0.46	0.49	0.51	0.52	0.54
	8	0.39	0.41	0.43	0.45	0.48	0.50	0.51	0.53
	9	0.38	0.40	0.42	0.45	0.48	0.49	0.51	0.53
	10	0.38	0.39	0.41	0.44	0.47	0.49	0.50	0.52
	11	0.37	0.38	0.41	0.43	0.47	0.49	0.50	0.52
	12	0.37	0.38	0.40	0.43	0.46	0.48	0.50	0.52
	13	0.36	0.38	0.40	0.43	0.46	0.48	0.50	0.52
	14	0.36	0.38	0.40	0.43	0.46	0.49	0.50	0.52
	15	0.37	0.38	0.40	0.43	0.47	0.49	0.50	0.53
	16	0.37	0.39	0.41	0.44	0.48	0.50	0.51	0.53
Girls	3	0.46	0.47	0.49	0.51	0.54	0.55	0.56	0.58
	4	0.45	0.46	0.47	0.50	0.52	0.54	0.55	0.56
	5	0.43	0.44	0.46	0.48	0.51	0.52	0.53	0.55
	6	0.42	0.43	0.45	0.47	0.50	0.51	0.52	0.54
	7	0.41	0.42	0.44	0.46	0.49	0.51	0.52	0.54
	8	0.40	0.41	0.43	0.46	0.48	0.50	0.51	0.53
	9	0.39	0.41	0.43	0.45	0.48	0.50	0.51	0.53
	10	0.39	0.40	0.42	0.45	0.48	0.50	0.51	0.54
	11	0.39	0.40	0.42	0.45	0.48	0.50	0.52	0.54
	12	0.39	0.40	0.42	0.45	0.48	0.50	0.52	0.54
	13	0.39	0.40	0.42	0.45	0.49	0.51	0.52	0.55
	14	0.39	0.40	0.42	0.45	0.49	0.51	0.53	0.55
	15	0.39	0.41	0.43	0.46	0.49	0.52	0.53	0.56
	16	0.40	0.41	0.44	0.47	0.50	0.52	0.54	0.56

Age: completed age, e.g. 3 y = 3.00-3.99 y

ABBREVIATION

SCHOOL:

P- PRIVATE SCHOOL

G-GOVERNMENT SCHOOL

EDUCATIONAL STATUS :

I – ILLITERATE

PS : PRIMARY SCHOOL (1-5 TH STD)

MS : MIDDLE SCHOOL (6 – 8 STD)

HS : HIGH SCHOOL (9 – 10 TH STD)

PHS : POST HIGH SCHOOL (11-12 TH STD)

D : DEGREE

PG : POST GRATUATE

P : PROFESSIONAL AND HONOURS

PROFESSION :

UE : UN EMPLOYED

US : UN SKILLED

S S : SEMI SKILLED

S : SKILLED

F : SHOP AND AGRICULTURE

SP : SEMI PROFESSIONAL

P : PROFESSIONAL

INCOME :

A - < 1600RS

B : 1600 RS – 4809 RS

C : 4810RS – 8009 RS

D : 8010RS - 12019RS

E : 12020 RS – 16019 RS

F : 16020 RS -32049 RS

G : > 32050RS

LIVING WITH

P : PARENTS

G : GUARDIAN

GP : GRAND PARENT

SNACKS

H : HEALTHY

UH : UNHEALTY

EXTRA-CURRICULAR ACTIVITIES

I : INDOOR

O : OUTDOOR

SOCIAL ECONOMICS STATUS

CLASS 1

CLASS 2

CLASS 3

CLASS 4

CLASS 5

ESTIMATION OF OBESITY PROJECT

S No	Name	Age	Sex	Std	School private=Ppublic=G	Father Age	Father edu. QI I,PS,MS,HS,PHS,D,PG	Father Profession UE,US,SS,S,F,SP,P	Mother Age	Mother edu. QI L,PS,MS,HS PHS,D,PD	Mother Profession UE,US,SS,S, SP,P	Income A,B,C,D,E,F,G	Living with parent/ GP / guardian	No of siblings	No of members in family	Snacks eaten everyday H/UH	No of hrs watching Tv	No of meals tkn watching TV	Extra curricular activities I/O	Night sleeping time	Morning waking time	SES	Weight in KG	Height in CM	Waist circumfrence CM	BMI	W/H ratio	Obesity as per BMI	Obesity as per WC	Obesity as per W/Hratio
1	PIOUS S VINSTEN	11	M	7	P	48	D	SH	45	PD	P	C	P		3	UH	4	2	O	10.00	6.00	CLASS 3	53	160	83	20.70	0.52		OBESE	OBESE
2	RIYAS KHAN	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	O	8.50	5.00	CLASS 3	28	142	56	13.89	0.39			
3	JOSHUA	11	M	7	P	45	D	P	35	D	S	B	P	1	4	UH	2.5	1	O	10.00	5.50	CLASS 4	39	135	71	21.40	0.53		OBESE	OBESE
4	BHARATH KUMAR	11	M	7	P	42	MS	SH	31	HS	S	C	P	1	4	UH	4	1	O	10.00	4.00	CLASS 3	28	132	64	16.07	0.48			
5	BALA SANGESH	11	M	7	P	54	MS	UE	40	PS	S	C	P	1	4	H	2	1	O	9.50	6.50	CLASS 3	35	143	69	17.12	0.48			
6	B.AKASH	11	M	7	P	42	MS	S	33	HS	S	B	P		3	UH	2	1	O	9.50	6.50	CLASS 3	29	137	65	15.45	0.47			
7	A.ABIRAM	11	M	7	P	41	HS	SS	34	MS	SS	C	P	1	4	UH	3	3	O	8.50	5.50	CLASS 3	48	154	76	20.24	0.49		OBESE	
8	SATHISH	14	M	7	P	47	MS	UE	42	MS	S	C	P	1	4	UH	3	1	O	9.50	6.30	CLASS 3	30	144	61	14.47	0.42			
9	S. CHARAN	14	M	7	P	47	HS	S	38	MS	US	C	P	1	4	UH	2	1	O	11.00	5.50	CLASS 3	31	140	62	15.82	0.44			
10	VARUN	14	M	7	P	36	MS	UE	32	MS	S	C	P	1	4	UH	5	1	O	10.00	7.50	CLASS 3	39	169	61	13.65	0.36			
11	THOWSHIF AHMED	13	M	7	P	42	MS	US	31	MS	UE	C	P	1	4	UH	2.5	1	O	9.50	5.50	CLASS 3	44	160	61	17.19	0.38			
12	HARIHARAN	13	M	7	P	36	HS	S	34	HS	S	C	P	1	4	H	4	1	O	10.00	6.00	CLASS 3	39.7156	156	60	16.32	0.38			
13	GAUTHAM	13	M	7	P	42	MS	S	37	IL	UE	B	P	1	4	H	4	1	O	9.00	5.00	CLASS 3	29	139	56	15.01	0.40			
14	AM.F ASHIF AHMED	13	M	7	P	40	HS	US	30	MS	UE	C	P	3	6	UH	2	1	O	9.00	6.00	CLASS 3	37	151	59	16.23	0.39			
15	NARENDRAN	13	M	7	P	42	HS	S	38	MS	UE	C	P	1	4	UH	4	1	O	9.50	7.00	CLASS 3	38.5	156	61	15.82	0.39			
16	ABDULLAH	13	M	7	P	50	MS	S	42	HS	UE	D	P	1	4	UH	3	1	O	12.00	7.00	CLASS 3	32	142	55	15.87	0.39			
17	ARUN SELVAN	12	M	7	P	36	MS	US	32	HS	UE	C	P	1	4	UH	1	1	O	9.00	6.00	CLASS 3	37.1	148	57	16.94	0.39			
18	SUHAIL	11	M	7	P	37	MS	S	39	HS	UE	B	P	2	7	UH	2	1	O	9.50	6.00	CLASS 3	23	136	50	12.44	0.37			
19	SUJEETH	11	M	7	P	34	MS	S	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 3	22	134	47	12.25	0.35			
20	SANTRO	11	M	7	P	41	D	P	30	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	28	144	53	13.50	0.37			
21	G.S SURESH	11	M	7	P	46	MS	US	32	MS	UE	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 3	39	144	64	18.81	0.44			
22	SABARI KARTHIK	13	M	7	P	45	MS	S	39	MS	UE	C	P	1	4	UH	2	1	O	10.50	5.50	CLASS 3	31	144	54	14.95	0.38			
23	SANOOP	13	M	8	P	46	MS	US	-	-	-	C	G	2	5	H	3	3	O	9.00	6.00	CLASS 3	61	155	32	25.39	0.21			
24	SUNDARESAN	13	M	8	P	43	D	S	36	MS	UE	C	P	1	4	UH	2	1	O	10.00	7.00	CLASS 3	38	147	61	17.59	0.41			
25	FRANCIS	13	M	8	P	43	MS	SS	33	PS	S	C	P	2	5	UH	2	1	O	9.00	7.00	CLASS 3	36	150	53	16.00	0.35			
26	NISHAD	13	M	8	P	42	I	US	38	PS	UE	C	P	2	5	UH	3	3	O	10.00	6.00	CLASS 2	51	158	70	20.43	0.44			
26	ANEES	13	M	8	P	41	PS	SS	32	HS	UE	D	P	1	4	UH	1	1	O	11.00	6.30	CLASS 3	38	152	64	16.45	0.42			
27	SYED IRSHAD	13	M	8	P	40	I	F	38	MS	UE	D	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	34	152	56	14.72	0.37			
28	MOHAMMAD	13	M	8	P	39	I	S	36	MS	UE	D	P	2	5	H	3	0	O	9.00	6.00	CLASS 2	42	155	62	17.48	0.40			
29	NIZAR	13	M	8	P	41	PS	US	36	PS	UE	D	P	2	5	H	3	2	I	11.00	6.00	CLASS 3	29	145	55	13.79	0.38			
30	SREEHARAN	13	M	8	P	39	HS	S	32	MS	UE	D	P	1	4	UH	2	2	O	9.00	6.00	CLASS 2	50	155	71	20.81	0.46			

31	KARTHIKRAJA	13	M	8	P	37	PS	US	32	HS	UE	D	P	1	4	UH	2	0	O	9.00	6.00	CLASS 3	39	157	56	15.82	0.36			
32	ROSHAN	13	M	8	P	41	MS	S	35	PS	UE	D	P	2	5	H	2	0	O	8.30	6.30	CLASS 3	28	143	50	13.69	0.35			
33	ARSHAD	13	M	8	P	41	HS	S	32	PHS	UE	C	P	1	4	H	3	0	O	12.00	8.00	CLASS 3	27	135	54	14.81	0.40			
34	KARTHIKRAJA	13	M	8	P	45	HS	S	44	HS	UE	D	G	1	4	UH	3	3	O	9.00	6.00	CLASS 3	38	153	57	16.23	0.37			
35	PRASANNA KUMAR	13	M	8	P	-	-	-	36	HS	S	D	P	0	2	UH	1.5	2	O	10.30	5.30	CLASS 3	37	148	60	16.89	0.41			
36	SHEIK MUSHRAF	13	M	8	P	42	PMS	S	36	PHS	UE	D	P	1	4	H	1	0	O	10.00	5.40	CLASS 3	32	142	57	15.87	0.40			
37	RAHUL	13	M	8	P	45	PS	S	43	MS	S	D	P	1	4	UH	1	2	I	10.00	7.00	CLASS 3	35	145	54	16.65	0.37			
38	THOUFEEK	13	M	8	P	35	MS	US	30	PS	UE	D	P	2	6	H	0	0	O	10.00	6.00	CLASS 3	33	133	63	18.66	0.47			
39	KANNAN	13	M	8	P	-	-	-	-	-	-	-	GP	1	4	UH	3	3	I	10.00	7.00	CLASS 3	47	155	68	19.56	0.44			
40	GAJENDRAN	13	M	8	P	48	HS	S	43	HS	UE	D	P	1	4	H	3	1	O	9.00	5.00	CLASS 3	45	162	69	17.15	0.43			
41	SANJAY	13	M	8	P	40	MS	S	37	MS	UE	E	P	1	5	UH	1	0	O	10.30	6.30	CLASS 3	54	148	65	24.65	0.44			
42	HARHARAN	13	M	8	P	44	PS	US	40	D	P	E	P	1	4	H	2	0	O	9.30	6.30	CLASS 2	29	140	51	14.80	0.36			
43	VYSHNAV	13	M	8	P	46	MS	UE	38	PHS	S	D	P	1	4	H	4	2	O	10.00	6.00	CLASS 3	40	156	60	16.44	0.38			
44	JAGANATHAN	13	M	8	P	45	PHS	S	42	D	S	G	P	1	4	UH	1.5	1	I	8.00	5.50	CLASS 2	36	148	55	16.44	0.37			
45	GOPALA KRISHNAN	13	M	8	P	45	HS	S	45	HS	UE	E	P	1	4	H	1	1	O	9.30	6.30	CLASS 3	46	156	67	18.90	0.43			
46	DINESHKUMAR	13	M	8	P	46	MS	S	42	HMS	UE	E	P	1	4	UH	3	3	I	9.00	6.00	CLASS 3	31	150	51	13.78	0.34			
47	ARSHAD AHAMED	13	M	7	P	45	HS	US	42	PHS	S	D	P	0	3	UH	3	3	O	8.00	5.40	CLASS 3	34	142	57	16.86	0.40			
48	ANANDHA RAJ	13	M	8	P	46	MS	S	41	MS	UE	D	P	2	6	H	2	2	I	10.00	6.00	CLASS 3	49	162	63	18.67	0.39			
49	MOHAMMAD AFSAR	13	M	8	P	47	MS	US	41	HS	UE	D	P	2	5	H	5	2	I	10.00	6.30	CLASS 4	44	143	68	21.52	0.48			
50	SATHYA NARAYANAN	13	M	8	P	43	MS	S	38	MS	US	E	P	1	4	UH	0.5	0	I	9.30	6.00	CLASS 3	34	145	55	16.17	0.38			
51	RAJESH	13	M	8	P	42	MS	S	33	MS	UE	D	P	1	4	UH	1	1	O	9.00	6.00	CLASS 3	33	145	67	15.70	0.46			
52	ANAZ	14	M	7	P	45	HS	US	40	HS	UE	F	P	2	5	UH	3	3	O	9.00	6.00	CLASS 2	40	152	69	17.31	0.45			
53	PRACHAD	14	M	8	P	36	PS	US	38	HS	S	E	P	0	3	UH	2	2	O	9.00	6.00	CLASS 3	37	153	64	15.81	0.42			
54	SANJAY	14	M	8	P	32	PHS	S	28	HS	UE	F	P	2	5	UH	1	0	O	9.00	6.00	CLASS 2	36	155	58	14.98	0.37			
55	VENKATESHWARAN	14	M	8	P	38	HS	S	36	D	P	F	P	1	4	UH	3	2	O	10.00	6.00	CLASS 1	31	144	55	14.95	0.38			
56	PARTHIBAN	14	M	8	P	42	PHS	S	40	MS	UE	F	P	1	4	UH	1.5	1	I	9.00	6.30	CLASS 2	25	132	52	14.35	0.39			
57	UMAR	14	M	8	P	43	MS	US	39	PS	UE	F	P	1	4	UH	1	0	O	10.00	7.30	CLASS 3	34	142	58	16.86	0.41			
58	SAI VIGNESH	14	M	8	P	45	HS	F	45	MD	UE	F	P	3	6	UH	2	2	O	10.00	7.00	CLASS 2	46	154	70	19.40	0.45			
59	SRIKANTH	14	M	8	P	40	PHS	S	35	HS	UE	D	P	2	5	UH	2	1	O	9.00	7.00	CLASS 3	35	149	60	15.77	0.40			
60	NEWTON FELIX	14	M	8	P	-	-	-	43	MS	US	C	P	1	3	UH	1	0	O	10.30	5.30	CLASS 4	57	164	72	21.19	0.44			
61	ABDUL ADIL	14	M	8	P	49	MS	S	46	MS	UE	D	P	2	5	UH	1	1	O	9.00	6.00	CLASS 3	49	160	63	19.14	0.39			
62	PRAVEEN	14	M	8	P	44	PS	US	38	HS	US	D	P	1	4	H	2.5	0	I	10.00	6.30	CLASS 4	37	153	60	15.81	0.39			
63	MOHAMMED	14	M	8	P	34	I	US	32	HS	UE	D	P	1	4	UH	2	2	O	9.00	6.00	CLASS 4	43	162	62	16.38	0.38			
64	ABDUL MUNAF	14	M	8	P	42	PHS	S	35	HS	UE	E	P	2	5	UH	1	0	-	9.00	6.00	CLASS 3	44	165	61	16.16	0.37			

65	MANOJ KUMAR	14	M	8	P	45	MS	F	39	PS	UE	E	P	0	3	UH	3	1	I	10.00	7.10	CLASS 3	79	163	86	29.73	0.53	OBESE	OBESE	OBESE
66	GOKULA KRISHNAN	14	M	8	P	45	MS	S	43	MS	S	C	P	1	4	UH	1	1	I	10.50	6.50	CLASS 4	35	146	55	16.42	0.38			
67	MOHAMMAD HARSHAD	14	M	8	P	45	HS	S	40	HS	UE	C	P	1	4	H	4	3	O	9.00	6.00	CLASS 3	23	130	51	13.61	0.39			
68	SHAN SEMIL	13	M	8	P	-	-	-	36	HS	S	B	P	0	2	UH	3	0	O	9.00	5.30	CLASS 4	45	155	65	18.73	0.42			
69	SERALATHAN	11	M	7	P	45	MS	S	42	MS	UE	B	P	1	4	UH	0.5	0	O	10.45	4.45	CLASS 4	26	140	59	13.27	0.42			
70	HARI	13	M	7	P	35	HS	F	30	PHS	UE	E	P	1	4	UH	3	3	I	11.00	5.30	CLASS 2	57	157	84	23.12	0.54		OBESE	OBESE
71	HARIKUMAR	13	M	7	P	41	HS	S	34	PHS	UE	C	P	1	4	UH	0.5	1	O	9.00	6.30	CLASS 3	28	140	60	14.29	0.43			
72	AAKASH	13	M	7	P	44	PHS	F	39	HS	S	G	P	1	6	UH	6	3	I	10.30	6.00	CLASS 2	47	159	76	18.59	0.48		OBESE	
73	SRI KANTH	13	M	7	P	42	HS	F	37	D	UE	C	P	1	4	UH	1.3	1	O	10.30	6.30	CLASS 3	35	146	71	16.42	0.49			
74	SOUNDAERAJAN	13	M	7	P	39	PHS	F	38	PHS	UE	B	P	1	4	UH	1	1	O	9.30	6.30	CLASS 3	40	149	70	18.02	0.47			
75	JOHNSON	13	M	7	P	-	-	-	35	MS	US	B	P	1	3	UH	3	0.3	O	10.30	6.30	CLASS 4	49	155	77	20.40	0.50		OBESE	OBESE
76	CHIRANJIVI	12	M	7	P	41	MS	F	27	MS	S	C	P	0	3	H	3	1	O	9.00	6.30	CLASS 3	37	145	58	17.60	0.40			
77	AFSAL	12	M	7	P	45	MS	F	41	HS	UE	C	P	1	4	UH	1.5	1	I	10.10	6.00	CLASS 3	36	150	67	16.00	0.45		OBESE	OBESE
78	ABISHEK	12	M	7	P	40	HS	S	35	PHS	UE	B	P	2	5	UH	1	1	O	9.00	7.00	CLASS 3	35	150	70	15.56	0.47			
79	SAMUEL	12	M	7	P	45	PS	F	39	D	P	G	P	1	4	UH	4	1	O	10.00	6.00	CLASS 1	44	159	76	17.40	0.48		OBESE	
80	SHANE	12	M	7	P	35	D	SP	32	D	SP	G	P	1	4	UH	5	3	O	9.00	6.15	CLASS 2	67	166	90	24.31	0.54		OBESE	OBESE
81	SOLOMON RAJA DANIEL	12	M	7	P	50	HS	F	47	PHS	UE	C	P	3	6	UH	1	1	I	10.00	6.00	CLASS 3	38	147	69	17.59	0.47			
82	THPWFICK ROSHAN	12	M	7	P	43	PS	US	27	HS	UE	C	P	1	4	UH	3	1	O	9.30	6.00	CLASS 4	27	142	56	13.39	0.39			
83	RUFUS	13	M	7	P	41	D	S	39	D	UE	C	P	1	4	UH	1	1	I	9.00	7.00	CLASS 3	42	150	71	18.67	0.47			
84	LASHAN KUMAR	13	M	7	P	46	PHS	F	45	HS	UE	C	P	1	4	UH	3	1	O	9.00	7.00	CLASS 2	38	151	73	16.67	0.48			
85	VISHNU PRAKASH	12	M	7	P	44	MS	S	41	PS	UE	C	P	0	3	UH	5	1	I	8.30	7.00	CLASS 4	31	140	64	15.82	0.46			
86	VISHNU	12	M	7	P	45	MS	S	41	MS	S	D	P	1	4	UH	4	1	O	10.00	6.00	CLASS 3	31	140	60	15.82	0.43			
87	VIGNESH KUMAR	12	M	7	P	47	D	P	35	PHS	S	C	P	1	5	UH	1	1	I	10.00	7.00	CLASS 2	34	154	70	14.34	0.45			
88	NANDHA KUMAR	12	M	7	P	44	HS	S	38	MS	UE	D	P	1	4	UH	2	1	O	9.30	4.45	CLASS 3	24	135	56	13.17	0.41			
89	NAGENDRAN	12	M	7	P	32	HS	US	29	MS	UE	C	P	1	6	UH	1	1	I	9.30	5.00	CLASS 4	46	148	74	21.00	0.50		OBESE	OBESE
90	MOHAMMAD AZARUDEEN	12	M	7	P	41	HS	F	39	PHS	F	C	P	1	4	UH	0.5	1	O	10.00	6.30	CLASS 3	24	135	54	13.17	0.40			
91	KISHORE	12	M	7	P	44	PS	F	41	PHS	UE	F	P	1	7	UH	3	0	I	8.00	5.00	CLASS 2	30	145	61	14.27	0.42			
92	JAYASURYA	12	M	7	P	38	PS	S	33	PHS	UE	C	P	1	4	UH	2	1	I	11.00	7.00	CLASS 3	45	157	75	18.26	0.48		OBESE	
93	IRISH AARON	12	M	7	P	43	PHS	SP	42	PHS	SP	E	P	1	4	UH	3.5	2	O	10.00	6.00	CLASS 2	36	150	70	16.00	0.47			
94	GOKULA KRISHNAN	12	M	7	P	39	PS	F	34	HS	UE	C	P	1	4	UH	6	1	O	11.30	7.00	CLASS 3	29	145	61	13.79	0.42			
95	JANARTHANAN	14	M	8	P	43	MS	S	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	42	160	63	16.41	0.39			
96	HARAASARAN	14	M	8	P	58	PHS	S	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 3	30	157	57	12.17	0.36			
97	VISHNU	15	M	8	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	39	159	56	15.43	0.35			
98	SURYA	14	M	8	P	40	HS	S	35	D	UE	D	P	1	4	UH	4	2	I	11.00	7.00	CLASS 3	41	157	65	16.63	0.41			

99	ASHIQ	14	M	8	P	38	HS	US	36	HS	UE	C	P	1	4	UH	4	1	O	8.00	5.00	CLASS 4	36	147	58	16.66	0.39			
100	MUSTHAFA	14	M	8	P	39	PS	F	29	HS	UE	C	P	2	5	UH	2	1	O	9.00	5.00	CLASS 3	34	155	65	14.15	0.42			
101	SANDEEP	14	M	8	P	42	PHS	S	38	HS	UE	D	P	1	8	UH	2	0	O	9.30	6.00	CLASS 3	38	152	59	16.45	0.39			
102	SANJAY KUMAR	14	M	8	P	38	MS	S	35	HS	UE	B	P	1	4	H	2	0	I	10.00	7.00	CLASS 2	28	148	54	12.78	0.36			
103	THEJAS	14	M	8	P	52	D	SP	41	D	UE	C	P	1	4	UH	2	2	O	10.30	6.00	CLASS 3	42	146	64	19.70	0.44			
104	ABDUL RAZAK	12	M	7	P	43	MS	F	33	MS	UE	C	P	2	6	UH	3	1	I	9.00	6.45	CLASS 3	39	140	75	19.90	0.54		OBESE	OBESE
105	HARI KRISHNAN	12	M	7	P	39	PHS	S	35	HS	S	E	P	1	5	UH	2	1	I	10.00	6.45	CLASS 3	42	138	78	22.05	0.57		OBESE	OBESE
106	ABLAH	13	M	8	P	40	PS	F	35	PHS	UE	C	P	1	4	UH	4	1	O	9.30	7.30	CLASS 3	32	138	57	16.80	0.41			
107	JERALD	12	M	8	P	45	HS	S	33	D	SP	E	P	1	4	UH	3	0	O	10.00	6.00	CLASS 2	43	168	66	15.24	0.39			
108	DHALHA	12	M	8	P	43	D	S	39	MS	UE	C	P	1	4	UH	0.5	0	O	10.00	5.00	CLASS 3	47	166	65	17.06	0.39			
109	ROSHAN ASRAF	13	M	8	P	44	HS	S	38	HS	UE	C	P	1	4	UH	3	0	O	10.30	6.00	CLASS 3	40	158	60	16.02	0.38			
110	RAGUF	13	M	8	P	44	HS	S	38	HS	UE	C	P	1	5	UH	4	1	O	10.30	6.00	CLASS 3	30	154	56	12.65	0.36			
111	PARTHIBAN	13	M	8	P	45	MS	S	42	MS	S	D	P	1	8	UH	4	1	O	10.00	7.00	CLASS 3	43	152	76	18.61	0.50		OBESE	OBESE
112	SAMUEL	14	M	8	P	47	PHS	S	42	HS	UE	C	P	0	3	UH	2	0	I	10.00	7.00	CLASS 3	34	136	54	18.38	0.40			
113	THANISH	14	M	8	P	40	HS	F	34	D	UE	E	P	1	5	UH	5	2	I	10.00	6.00	CLASS 2	34	169	60	11.90	0.36			
114	SIVA	14	M	8	P	32	PHS	S	29	HS	UE	C	P	1	4	UH	2	2	O	9.00	6.00	CLASS 3	28	137	51	14.92	0.37			
115	BALA KRISHNAN	15	M	8	P	45	HS	F	39	PHS	F	C	P	1	4	UH	1	0	O	10.00	6.00	CLASS 3	40	175	70	13.06	0.40			
116	VIGNESH	14	M	8	P	43	-	-	39	-	-	-	G	2	JF	UH	4	1	O	9.30	7.00	CLASS 5	38	156	61	15.61	0.39			
117	NAWAS SHERIF	14	M	8	P	45	HS	S	35	MS	UE	C	P	2	5	UH	2	0	I	10.30	6.40	CLASS 3	45	155	65	18.73	0.42			
118	SARAVANA MURUIGAN	14	M	8	P	52	MS	US	46	HS	UE	B	P	2	5	UH	4	3	I	8.30	5.30	CLASS 4	45	143	73	22.01	0.51			OBESE
119	SIMON	13	M	8	P	48	HS	S	42	HS	UE	C	P	2	5	UH	2	0	O	10.00	6.00	CLASS 3	40	159	58	15.82	0.36			
120	DURGAVARANTH	13	M	8	P	45	MS	US	36	MS	S	B	P	1	4	H	0.3	1	O	11.00	7.00	CLASS 4	50	170	68	17.30	0.40			
121	SHRRIF SHMED	13	M	8	P	39	MS	US	34	HS	S	C	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	39	152	60	16.88	0.39			
122	BALAKRISHNAN	13	M	8	P	32	MS	S	30	MS	S	A	P	1	4	UH	3	1	O	9.00	7.00	CLASS 3	40	147	68	18.51	0.46			
123	ANAS	13	M	8	P	40	MS	F	32	HS	UE	C	P	2	5	UH	3	0	O	11.00	6.30	CLASS 3	35	145	58	16.65	0.40			
124	ARAVINTHAN	13	M	8	P	40	PS	F	35	MS	UE	E	P	0	3	UH	5	1	O	11.00	6.00	CLASS 3	42	148	64	19.17	0.43			
125	SATHISH	13	M	8	P	52	HS	S	46	MS	S	C	P	1	4	UH	3	3	O	10.00	6.00	CLASS 3	25	136	51	13.52	0.38			
126	FAZILIKRAM	12	M	8	P	38	HS	S	30	PS	UE	C	P	1	4	UH	2	1	O	9.00	6.00	CLASS 3	35	153	62	14.95	0.41			
127	ANVAR	13	M	8	P	47	MS	S	40	PS	UE	B	P	0	3	UH	5	2	O	10.00	8.00	CLASS 4	60	170	76	20.76	0.45		OBESE	
128	PREMKUMAR	13	M	8	P	45	D	SP	37	D	UE	C	P	1	6	UH	2	3	I	9.00	6.30	CLASS 3	30	149	52	13.51	0.35			
129	THAMEEZ	12	M	8	P	47	PS	S	40	HS	UE	B	P	2	6	UH	2	1	O	10.00	6.00	CLASS 4	40	156	64	16.44	0.41			
130	PRAGADEEWARAN	13	M	8	P	43	HS	S	39	HS	UE	C	P	1	JF	UH	4	1	O	9.30	6.00	CLASS 3	35	149	59	15.77	0.40			
131	KRISHNAKANTH	13	M	8	P	43	HS	S	38	MS	UE	C	P	1	5	UH	5	2	O	11.00	7.00	CLASS 3	40	160	71	15.63	0.44			
132	AJAY	13	M	8	P	43	PHS	F	32	HS	UE	E	P	2	4	UH	5	1	I	10.00	7.00	CLASS 2	52	162	76	19.81	0.47		OBESE	

133	SELVAGANESH	13	M	8	P	45	HS	S	36	PS	S	C	P	1	4	UH	2	2	I	10.30	6.40	CLASS 3	40	154	65	16.87	0.42			
134	MAHESH KUMAR	13	M	8	P	45	MS	S	35	PS	UE	D	P	1	4	UH	6	3	O	10.00	7.00	CLASS 3	25	140	56	12.76	0.40			
135	STEVE JOHANSON	13	M	8	P	47	D	SP	40	PHS	UE	C	P	1	4	UH	2	2	O	10.00	5.00	CLASS 3	32	151	51	14.03	0.34			
136	MANOJ	13	M	8	P	45	PHS	S	37	HS	UE	F	P	2	5	UH	3	2	O	10.00	4.00	CLASS 2	35	146	52	16.42	0.36			
137	KISHORE	13	M	8	P	43	PHS	S	39	MS	UE	C	P	1	4	UH	5	2	O	10.00	7.00	CLASS 3	45	148	60	20.54	0.41			
138	SANJAY	12	M	7	P	42	MS	S	39	MS	UE	C	P	1	4	UH	1	0	O	9.00	6.00	CLASS 4	25	128	50	15.26	0.39			
139	SUHAIL RAHUMAN	12	M	7	P	38	PHS	F	32	HS	UE	C	P	1	7	UH	1	1	O	10.00	7.00	CLASS 3	42	144	73	20.25	0.51		OBESE	OBESE
140	SHIYATH AHMED	12	M	7	P	52	HS	F	47	PHS	UE	G	P	2	5	UH	4	1	O	12.00	6.00	CLASS 2	42	161	59	16.20	0.37			
141	VISWANATH	12	M	7	P	40	HS	S	36	HS	UE	C	P	1	4	H	1	1	I	9.00	6.30	CLASS 3	31	151	52	13.60	0.34			
142	SABARI VASAN	12	M	7	P	42	HS	F	37	MS	UE	C	P	1	4	H	1	1	I	9.00	6.30	CLASS 3	40	159	61	15.82	0.38			
143	GNANA VIGNESH	12	M	7	P	53	MS	S	40	MS	UE	B	P	0	3	H	1	1	O	10.00	7.00	CLASS 4	35	141	62	17.60	0.44			
144	ROSHAN	12	M	7	P	38	HS	S	36	MS	UE	F	P	2	5	UH	3	1	O	10.00	7.00	CLASS 2	43	151	65	18.86	0.43			
145	SALMAN HUSSAIN	13	M	7	P	40	MS	F	33	PHS	UE	C	P	2	5	UH	2	1	O	11.00	7.00	CLASS 3	40	145	62	19.02	0.43			
146	ASHIF AHMED	12	M	7	P	38	HS	S	35	HS	UE	C	P	1	4	UH	3	1	I	10.00	6.00	CLASS 3	51.1	150	74	22.71	0.49		OBESE	
147	MOHAMMED ISSAK	12	M	7	P	52	HS	S	45	PHS	UE	C	P	2	4	UH	2	1	O	10.00	6.30	CLASS 3	29.6	144	55	14.27	0.38			
148	ABISHEK	12	M	7	P	39	HS	S	31	MS	UE	D	P	1	4	UH	3	1	O	9.00	6.00	CLASS 3	34	143	57	16.63	0.40			
149	MUGESH	12	M	7	P	41	HS	F	37	PHS	UE	C	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	33	149	54	14.86	0.36			
150	GOKUL KRISHNAN	12	M	7	P	39	MPS	S	37	HS	UE	B	P	1	4	UH	3	1	O	10.00	7.00	CLASS 4	29	138	57	15.23	0.41			
151	DEVA PRASATH	12	M	7	P	40	PS	F	32	HS	UE	A	P	4	7	UH	1	1	O	8.00	7.00	CLASS 4	42	149	62	18.92	0.42			
152	PRABHU RAM	12	M	7	P	60	PS	F	53	HS	UE	B	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	35	144	60	16.88	0.42			
153	KARTHIKAN	12	M	7	P	40	MS	S	35	HS	S	D	P	1	4	H	1	1	O	10.00	7.00	CLASS 3	28	138	53	14.70	0.38			
154	PRANAV	12	M	7	P	42	PHS	F	35	PHS	UE	C	P	2	5	UH	3	1	I	10.00	7.00	CLASS 3	32	144	53	15.43	0.37			
155	MOHAMMED SHEFAAN	12	M	8	P	46	PHS	F	34	MS	UE	C	P	2	5	UH	2.3	1	O	10.00	6.00	CLASS 3	34	150	53	15.11	0.35			
156	SHIVAA	12	M	8	P	40	D	P	35	PHS	SP	E	P	2	5	UH	1	1	I	9.00	6.00	CLASS 2	35	150	57	15.56	0.38			
157	MOHAMMED IYAS	13	M	8	P	35	HPHS	S	32	HS	UE	G	P	1	4	UH	3	3	O	8.00	6.00	CLASS 2	35	155	59	14.57	0.38			
158	KRISHNA GEETHAN	12	M	8	P	39	PHS	S	35	PHS	UE	D	P	1	4	UH	2	1	I	10.00	6.00	CLASS 3	31	148	51	14.15	0.34			
159	UMAR FARUK	14	M	8	P	43	MS	F	39	MS	UE	D	P	1	4	UH	1	0	O	10.00	7.30	CLASS 3	34	142	58	16.86	0.41			
160	MAHALAKSHMI	13	F	8	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	42	155	65	17.48	0.42			
161	UMA MAHESWARI	13	F	8	G	40	MS	F	35	PS	UE	C	P	1	4	UH	3	2	I	11.00	7.00	CLASS 3	30	151	77	13.16	0.51		OBESE	OBESE
162	PAVITHRA	13	F	8	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	39	157	62	15.82	0.39			
163	KRITHIKA	13	F	8	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	35.5	151	58	15.57	0.38			
164	NIVETHA	13	F	8	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	34	152	61	14.72	0.40			
165	DEVI PRIYA	13	F	8	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	49	148	72	22.37	0.49			
166	POORNIMA	13	F	8	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	36	143	64	17.60	0.45			

167	SUIKSHA	13	F	8	G	36	MS	US	35	MS	US	B	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	33	150	56	14.67	0.37			
168	PAKSHANA	13	F	8	G	36	MS	US	35	MS	US	C	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	48	151	70	21.05	0.46			
169	SAI SHREE	13	F	8	G	42	IL	US	35	IL	US	B	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	34	153	61	14.52	0.40			
170	SWETHA	13	F	8	G	34	MS	S	33	PHS	UE	C	P	1	4	UH	2	1	O	8.30	6.00	CLASS 3	31	142	66	15.37	0.46			
171	VARSHA	13	F	8	G	40	MS	S	38	MS	UE	B	P	2	5	UH	2	1	O	9.30	6.00	CLASS 3	33	148	57	15.07	0.39			
172	KARTHIKA LAKSHMI	13	F	8	G	40	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	30	139	60	15.53	0.43			
173	SHOBIKA	13	F	8	G	40	HS	US	35	MS	US	B	P	0	3	UH	1.3	3	O	8.00	6.00	CLASS 4	34	161	61	13.12	0.38			
174	GOWTHAMI	13	F	8	G	40	HS	S	38	MS	US	C	P	0	3	UH	6	1	O	9.30	5.30	CLASS 3	51	150	84	22.67	0.56		OBESE	OBESE
175	DIVYA LAKSHMI	13	F	8	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	2	2	I	9.00	6.00	CLASS 4	41	157	64	16.63	0.41			
176	NANDHINI	13	F	8	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	47	157	67	19.07	0.43			
177	YAMUNA	13	F	8	G	38	HS	S	35	HS	UE	C	P	1	4	UH	2	2	I	10.00	6.30	CLASS 3	49	150	81	21.78	0.54		OBESE	OBESE
178	MINI	13	F	8	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	28	147	57	12.96	0.39			
179	MADHIVADHINI	14	F	9	G	42	PHS	S	40	HS	UE	D	P	0	5	UH	3	3	I	9.45	7.00	CLASS 3	61	163	81	22.96	0.50		OBESE	OBESE
180	SHAMINI	14	F	9	G	48	PHS	F	45	PS	UE	C	P	1	4	UH	2	1	I	10.00	7.00	CLASS 3	55	160	77	21.48	0.48		OBESE	
181	RAJESWARI	14	F	9	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	2	3	I	9.00	6.00	CLASS 4	43	152	55	18.61	0.36			
182	SAGAYA JENITTA	14	F	9	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	38	148	30	17.35	0.20			
183	MYTHILI	14	F	9	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	53	161	71	20.45	0.44			
184	LAKSHANA	14	F	9	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	1.3	2	I	9.00	6.00	CLASS 4	49	154	67	20.66	0.44			
185	ANISHA FATHIMA	14	F	9	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	46	160	62	17.97	0.39			
186	YUVASRI	14	F	9	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	40	159	58	15.82	0.36			
187	PRIYANGA	14	F	9	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	87	167	97	31.20	0.58	OBESE	OBESE	OBESE
188	SOWNDARYA	14	F	9	G	45	MS	US	40	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	51	152	76	22.07	0.50		OBESE	OBESE
189	HARSHA	14	F	9	G	40	HS	S	35	HS	UE	C	P	1	4	UH	2	3	I	10.00	6.00	CLASS 3	48	156	72	19.72	0.46			
190	KRISHNAKUMARI	14	F	9	G	46	HS	SP	39	HS	UE	E	P	1	4	H	4	1	I	8.00	7.00	CLASS 2	43	156	68	17.67	0.44			
191	SATHYA	15	F	9	G	39	D	F	35	D	UE	G	P	1	4	H	2	1	I	8.00	6.00	CLASS 2	55	153	80	23.50	0.52		OBESE	OBESE
192	ABINAYA	14	F	9	G	40	D	F	36	D	UE	B	P	2	5	UH	2	2	I	9.00	6.00	CLASS 3	37	135	77	20.30	0.57		OBESE	OBESE
193	VAISHNAVI	14	F	9	G	42	PHS	S	36	PHS	UE	F	P	1	4	UH	1	1	O	9.00	6.00	CLASS 2	53	159	75	20.96	0.47			
194	RAMYA	14	F	9	G	40	D	P	35	D	UE	F	P	1	4	H	3	1	I	9.00	6.00	CLASS 1	61	162	93	23.24	0.57		OBESE	OBESE
195	VARSHINI	14	F	9	G	54	HS	S	44	HS	UE	C	P	0	3	H	3	1	I	8.00	6.30	CLASS 3	61	162	93	23.24	0.57		OBESE	OBESE
196	JOTHIKA	14	F	9	G	54	PHS	F	44	HS	F	E	P	1	4	H	4	2	I	9.00	6.30	CLASS 3	61	162	93	23.24	0.57		OBESE	OBESE
197	PANDIN REENA	14	F	9	G	42	D	P	39	D	UE	F	P	1	4	UH	2	1	I	11.00	7.00	CLASS 1	53	159	80	20.96	0.50		OBESE	OBESE
198	KAVIARASHE	14	F	9	G	-	-	-	41	HS	S	B	P	0	3	UH	3	2	I	9.00	5.00	CLASS 4	53	159	82	20.96	0.52		OBESE	OBESE
199	SNEGA	13	F	9	G	45	D	F	40	HS	UE	D	P	1	5	UH	1	1	O	12.00	8.00	CLASS 3	56	159	72	22.15	0.45			
200	GAYATHRI	13	F	9	G	50	I	US	42	PHS	UE	B	P	1	4	UH	3	1	I	9.00	7.00	CLASS 4	47	148	78	21.46	0.53		OBESE	OBESE

201	MUFEENA	15	F	9	G	48	D	S	39	D	S	F	P	0	3	H	5	2	I	10.00	6.00	CLASS 2	55	153	80	23.50	0.52		OBESE	OBESE
202	NANDHINI	14	F	9	G	45	D	P	40	D	UE	G	P	1	4	UH	2	1	I	10.00	6.00	CLASS 1	40	148	70	18.26	0.47			
203	SINDUZA	14	F	9	G	40	HS	US	35	HS	US	B	P	1	4	UH	3	1	I	11.00	7.00	CLASS 4	55	140	78	28.06	0.56	OBESE	OBESE	OBESE
204	SNEHA	13	F	9	G	-	-	-	29	PHS	S	B	P	1	4	H	4	2	I	9.00	6.00	CLASS 3	52	151	82	22.81	0.54		OBESE	OBESE
205	NANDHINI	14	F	9	G	43	D	P	38	PS	UE	G	P	1	4	UH	4	1	I	11.00	7.00	CLASS 1	54	140	78	27.55	0.56	OBESE	OBESE	OBESE
206	AARSHIYA	15	F	9	G	40	D	P	33	PHS	UE	F	P	1	4	H	2	1	I	9.00	6.00	CLASS 1	56	165	75	20.57	0.45			
207	DURGA NANDHINI	15	F	9	G	42	MS	S	36	PHS	UE	B	P	0	3	H	2	2	I	10.00	6.00	CLASS 3	56	165	76	20.57	0.46			
208	KOWSALYA	13	F	9	G	39	PHS	F	33	PS	UE	F	P	1	5	UH	3	1	I	10.00	7.30	CLASS 2	47	148	78	21.46	0.53		OBESE	OBESE
209	DHARANI	14	F	9	G	46	D	P	40	D	UE	G	P	1	4	UH	2	1	I	9.00	5.30	CLASS 1	50	142	79	24.80	0.56		OBESE	OBESE
210	SWETHA	14	F	9	G	42	PHS	S	39	PHS	UE	D	GP	1	4	UH	4	2	O	10.00	7.30	CLASS 3	60	145	83	28.54	0.57	OBESE	OBESE	OBESE
211	SWETHA	13	F	9	G	45	D	F	32	PS	UE	C	P	1	4	UH	3	1	I	10.00	6.30	CLASS 3	56	159	83	22.15	0.52		OBESE	OBESE
212	NALINA	15	F	9	G	37	MS	US	32	I	UE	B	P	1	4	UH	0	0	O	10.00	5.30	CLASS 4	40	156	69	16.44	0.44			
213	SHREEMATHI	15	F	9	G	43	PHS	F	35	MS	UE	D	P	1	4	UH	1.3	1	O	9.00	7.00	CLASS 3	40	156	69	16.44	0.44			
214	MANJU	13	F	9	G	40	D	F	38	D	P	G	P	1	4	UH	3.3	3	I	10.00	7.30	CLASS 1	50	152	74	21.64	0.49			
215	AFRIN ROSHINI	14	F	9	G	45	D	S	36	PHS	UE	D	P	1	4	UH	2	1	I	8.00	6.00	CLASS 3	49	165	75	18.00	0.45			
216	KALISHWARI	13	F	9	G	42	D	P	37	HS	UE	G	P	2	5	UH	4	3	I	9.00	7.30	CLASS 1	50	152	74	21.64	0.49			
217	MANGALESWARI	13	F	9	G	42	HS	F	37	HS	UE	B	G	2	5	H	0	0	I	10.00	5.30	CLASS 1	50	152	74	21.64	0.49			
218	PRIYANGA	14	F	9	G	40	PG	P	35	PG	UE	G	P	2	5	H	2	1	O	10.00	6.00	CLASS 1	49	165	70	18.00	0.42			
219	VAISHNAVI	14	F	9	G	40	D	P	35	PG	P	F	P	1	5	UH	2	2	O	10.00	6.30	CLASS 1	51	165	72	18.73	0.44			
220	VISHNUPRIYA	13	F	9	G	40	HS	S	35	PHS	UE	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 1	47	158	76	18.83	0.48			
221	SHAREENA JASMIN	15	F	9	G	54	D	F	48	HS	UE	G	P	2	5	UH	5	1	O	10.00	6.00	CLASS 2	50	161	80	19.29	0.50		OBESE	
222	ANUSHYA	14	F	9	G	42	PHS	S	32	HS	S	B	P	1	4	UH	3	1	I	10.00	6.30	CLASS 3	51	165	78	18.73	0.47		OBESE	
223	GNANA SOWNDARYA	13	F	9	G	45	PHS	F	40	HS	F	F	P	1	4	UH	2	1	O	9.00	6.30	CLASS 2	44	155	74	18.31	0.48			
224	LANSHYA THERASA	13	F	9	G	45	D	P	40	PHS	UE	G	G	1	4	H	3	2	I	9.00	6.00	CLASS 1	44	155	74	18.31	0.48			
225	SUBIKSHA	13	F	9	G	43	PHS	S	40	MS	UE	C	P	1	4	UH	3	1	O	9.00	6.30	CLASS 3	47	158	72	18.83	0.46			
226	SUSHMITHA	15	F	9	G	50	PG	F	43	D	UE	F	P	2	6	H	2	1	O	9.00	6.30	CLASS 2	50	161	76	19.29	0.47			
227	SHEVANTHIGA	13	F	9	G	43	D	F	32	PHS	UE	B	P	1	4	UH	3	1	O	9.00	6.00	CLASS 3	44	155	74	18.31	0.48			
228	HEMAPRIYA	14	F	9	G	40	PG	P	39	PHS	UE	G	P	1	4	UH	2	1	O	9.00	6.00	CLASS 1	43	153	74	18.37	0.48			
229	CHANDRI	13	F	9	G	42	D	P	36	D	UE	F	P	1	4	H	4	1	I	9.00	6.30	CLASS 1	40	159	69	15.82	0.43			
230	MOHANA	14	F	9	G	46	PG	P	40	PHS	UE	F	P	1	4	H	3	1	O	10.00	7.00	CLASS 1	37	155	71	15.40	0.46			
231	SUMITHRA	14	F	9	G	49	D	P	42	PHS	UE	G	P	1	4	UH	2	2	I	9.00	7.00	CLASS 1	49	164	77	18.22	0.47		OBESE	
232	YUHASINI	13	F	9	G	42	HS	S	36	HS	UE	C	P	1	7	UH	2	1	I	10.00	5.30	CLASS 1	40	159	69	15.82	0.43			
233	CHARULATHA	14	F	9	G	49	D	S	42	D	UE	G	GP	1	6	H	2	0	I	10.00	7.30	CLASS 4	49	164	77	18.22	0.47		OBESE	
234	PRAMIKA	14	F	9	G	40	D	P	35	D	UE	G	P	1	5	UH	2	1	O	10.00	7.00	CLASS 1	42	157	72	17.04	0.46			

235	SRI RANJANI	14	F	9	G	60	PHS	SP	49	HS	UE	B	P	2	5	UH	2	1	I	10.00	7.00	CLASS 3	43	153	74	18.37	0.48			
236	PAVITHRA	14	F	9	G	57	PHS	F	56	PHS	UE	C	P	1	6	UH	2	1	O	9.00	6.30	CLASS 3	41	161	76	15.82	0.47			
237	VINITHA	14	F	9	G	49	PHS	S	42	PHS	UE	C	P	1	4	H	2	2	O	11.00	7.00	CLASS 3	49	164	77	18.22	0.47		OBESE	
238	SWETHA	14	F	9	G	45	HS	F	32	HS	UE	B	P	1	4	UH	2	2	O	10.00	6.00	CLASS 3	43	152	74	18.61	0.49			
239	SANDHYA PRIYA	14	F	9	G	45	D	P	32	D	UE	G	P	0	3	H	4	2	O	10.00	7.30	CLASS 1	43	152	74	18.61	0.49			
240	HEMALATHA	14	F	9	G	40	PS	US	35	MS	F	C	P	0	3	UH	2	1	I	12.00	6.30	CLASS 3	42	157	72	17.04	0.46			
241	BEULAH	14	F	9	G	46	D	P	45	D	UE	E	P	1	4	H	2	1	I	10.00	6.30	CLASS 2	37	155	71	15.40	0.46			
242	JEEVITHA	14	F	9	G	60	D	F	49	D	UE	G	P	0	3	H	4	3	O	8.00	6.00	CLASS 2	43	153	74	18.37	0.48			
243	NEERAJA	14	F	9	G	46	PHS	F	45	HS	F	D	P	1	4	UH	2	1	O	8.00	6.00	CLASS 3	37	155	71	15.40	0.46			
244	AKSHAYA	14	F	9	G	54	PHS	F	48	PHS	UE	G	P	2	5	UH	4	2	I	12.00	7.30	CLASS 2	45	145	65	21.40	0.45			
245	HARINI	14	F	9	G	37	HS	S	36	HS	S	C	P	1	4	UH	2	2	I	10.00	7.00	CLASS 3	33	152	61	14.28	0.40			
246	BHUVANESHWARI	13	F	9	G	45	PG	SP	40	PHS	UE	C	P	0	4	UH	2	2	I	10.00	6.30	CLASS 2	36	160	66	14.06	0.41			
247	MRIDULA	14	F	9	G	46	D	SP	39	D	UE	D	P	1	4	H	2	1	O	10.00	6.30	CLASS 3	39	156	67	16.03	0.43			
248	SANDHYA	14	F	9	G	46	D	F	39	PG	P	G	P	1	4	H	2	2	I	10.00	7.30	CLASS 1	39	156	67	16.03	0.43			
249	SIVARANJANI	14	F	9	G	46	D	SP	41	D	SP	G	P	1	4	H	2	1	O	10.00	6.30	CLASS 4	41	157	68	16.63	0.43			
250	ABINAYA	14	F	9	G	41	HS	S	36	MS	UE	B	P	1	4	UH	2	0	I	10.00	5.30	CLASS 4	41	157	68	16.63	0.43			
251	DEEPALAKSHMI	14	F	9	G	57	D	SP	56	D	UE	F	P	1	6	H	2	1	I	9.00	7.30	CLASS 2	41	161	66	15.82	0.41			
252	CHITRA	14	F	9	G	42	D	S	39	D	S	G	P	1	4	UH	3	2	O	10.00	6.30	CLASS 2	44	153	70	18.80	0.46			
253	SANGEETHA	14	F	9	G	42	P	P	39	P	P	G	P	1	4	H	3	2	O	9.00	6.00	CLASS 1	44	153	70	18.80	0.46			
254	CHANDRIKA	15	F	9	G	46	HS	F	43	D	P	G	P	1	4	H	3	2	I	8.00	7.30	CLASS 2	30	150	68	13.33	0.45			
255	KOWSALYA	14	F	9	G	45	PHS	SP	38	PHS	UE	D	P	1	4	H	1.3	1	I	9.00	6.30	CLASS 3	38	155	66	15.82	0.43			
256	ASIFA	14	F	9	G	45	HS	F	38	HS	UE	D	P	1	4	H	1.3	1	I	9.00	6.30	CLASS 3	36	150	67	16.00	0.45			
257	SWETHA	14	F	9	G	49	HS	S	45	HS	UE	D	P	2	5	UH	1.3	1	I	7.30	5.30	CLASS 3	40	158	70	16.02	0.44			
258	SATHYA	14	F	9	G	46	HS	F	36	HS	UE	C	P	1	4	UH	2	1	I	9.00	6.30	CLASS 3	35	152	69	15.15	0.45			
259	SUVALAKSHMI	13	F	9	G	43	MS	S	32	PS	UE	C	P	2	5	UH	3	2	I	10.00	6.00	CLASS 4	34	155	66	14.15	0.43			
260	VIJAYALAKSHMI	15	F	9	G	46	HS	S	43	PS	UE	F	P	1	4	H	3	2	I	10.00	6.00	CLASS	30	150	68	13.33	0.45			
261	RAMYA DEVI	14	F	9	G	42	D	F	39	PHS	UE	D	P	2	5	H	1.3	1	I	9.00	7.30	CLASS 3	44	153	70	18.80	0.46			
262	FATHIMA ZAHARA	14	F	9	G	49	HS	S	45	HS	UE	B	P	4	7	UH	1.3	2	I	10.00	6.00	CLASS 2	40	158	70	16.02	0.44			
263	SHARMILA	14	F	9	G	45	D	F	33	HS	UE	F	P	1	4	UH	3	1	I	10.00	6.00	CLASS 2	41	155	68	17.07	0.44			
264	ANU	14	F	9	G	46	PHS	S	36	HS	UE	C	P	2	5	UH	2	2	O	10.00	6.00	CLASS 3	35	152	69	15.15	0.45			
265	NAYANISHA	14	F	9	G	36	HS	S	34	HS	S	G	P	1	4	UH	1.3	2	O	10.00	5.30	CLASS 2	37	145	66	17.60	0.46			
266	PRIYADHARSHINI	13	F	9	G	38	PHS	S	35	PHS	UE	D	P	1	4	H	1.3	1	O	9.00	6.30	CLASS 3	41	155	60	17.07	0.39			
267	HARIPRIYA	14	F	9	G	45	PS	-	35	MS	UE	B	P	1	3	UH	2	2	I	10.00	5.30	CLASS 4	41	155	68	17.07	0.44			
268	VAISHNAVI	14	F	9	G	42	MPS	S	38	HS	UE	C	P	1	4	UH	1.3	1	O	9.00	7.30	CLASS 3	38	155	66	15.82	0.43			

269	PRABHAVATHI	14	F	9	G	49	PHS	S	40	PS	UE	C	P	1	4	UH	2	3	I	10.00	5.30	CLASS 3	36	150	67	16.00	0.45			
270	JANANI	14	F	9	G	49	HS	S	40	PHS	UE	C	P	1	4	UH	1.3	2	I	10.00	7.30	CLASS 3	39	150	67	17.33	0.45			
271	SALEENA	14	F	9	G	49	PG	P	40	D	P	G	P	1	4	UH	1.3	1	O	9.00	6.00	CLASS 1	39	150	67	17.33	0.45			
272	SUBASHINI	13	F	9	G	45	HS	F	40	PS	UE	G	P	1	4	UH	1.3	1	O	10.00	5.30	CLASS 2	36	160	66	14.06	0.41			
273	CHANDRAKIRUPHA	14	F	9	G	45	PG	P	34	D	P	G	P	0	3	H	1.3	1	I	10.00	5.30	CLASS 1	45	148	68	20.54	0.46			
274	SHANMUGAPRIYA	15	F	9	G	46	PHS	F	39	PHS	UE	D	P	1	4	UH	0	0	I	9.00	7.00	CLASS 3	43	156	68	17.67	0.44			
275	MOWNIKAPRIYA	15	F	9	G	46	D	P	43	HS	UE	G	P	1	5	UH	3	2	O	8.00	6.30	CLASS 1	30	150	68	13.33	0.45			
276	ISHWARYA	14	F	9	G	57	PG	P	56	D	P	G	P	1	4	UH	3	2	O	9.00	6.30	CLASS 1	41	161	66	15.82	0.41			
277	BAVADHARANI	13	F	9	G	43	PG	P	32	D	UE	G	P	2	5	H	4	3	I	10.00	7.30	CLASS 1	34	155	56	14.15	0.36			
278	MOHANADEEPIKA	14	F	9	G	37	PHS	S	36	PHS	UE	F	P	0	3	UH	4	2	O	9.00	7.30	CLASS 2	33	152	61	14.28	0.40			
279	NAGADEVI	13	F	9	G	43	D	P	32	D	P	G	P	1	6	H	4	2	O	10.00	6.00	CLASS 1	34	155	66	14.15	0.43			
280	KAVIPRIYA	14	F	9	G	45	HS	US	34	MS	UE	D	P	1	4	UH	1.3	1	O	8.00	6.30	CLASS 4	45	148	68	20.54	0.46			
281	SATHYAVANI	13	F	9	G	38	PG	P	35	D	P	G	P	1	4	UH	3	1	O	1.00	6.30	CLASS 1	41	155	60	17.07	0.39			
282	KEERTHANA	14	F	9	G	40	PHS	S	35	HS	UE	E	P	2	5	UH	4	1	O	10.00	6.00	CLASS 3	48	156	76	19.72	0.49			
283	MUTHUMEENAKSHI	14	F	9	G	40	PHS	F	35	HS	UE	D	P	1	4	H	1.3	1	I	10.00	5.30	CLASS 3	48	156	74	19.72	0.47			
284	MYTHILI	14	F	9	G	39	PG	P	35	PG	UE	G	P	1	4	H	1.3	1	O	9.00	6.30	CLASS 1	51	160	70	19.92	0.44			
285	SNEGA	14	F	9	G	44	MS	US	38	HS	UE	C	P	1	4	UH	3	1	i	9.00	7.00	CLASS 4	52	150	80	23.11	0.53		OBESE	OBESE
286	ELAKKIYA	15	F	11	P	43	HS	F	40	D	UE	D	P	1	4	UH	6	4	I	11.00	6.00	CLASS 3	45	164	81	16.73	0.49		OBESE	
287	SURYA	15	F	11	P	48	HS	F	38	D	UE	G	P	1	4	UH	5	4	I	9.00	6.00	CLASS 2	49	170	81	16.96	0.48		OBESE	
288	KANIMOZHI	15	F	11	P	43	D	F	38	D	UE	G	P	2	5	UH	2	0	O	9.30	4.30	CLASS 2	39	153	51	16.66	0.33			
289	ADHITHI	15	F	11	P	48	P	P	38	D	UE	G	P	0	3	UH	3	0	I	8.00	5.00	CLASS 1	42	156	62	17.26	0.40			
290	RAKSHANA SIVAKUMAR	15	F	11	P	45	P	P	37	P	P	G	P	1	4	UH	1.3	0	I	7.00	5.00	CLASS 1	48	155	68	19.98	0.44			
291	LAKSHMI PRATHIBA	15	F	11	P	52	D	F	46	D	P	G	P	0	3	UH	4	4	O	11.00	4.00	CLASS 1	52	150	78	23.11	0.52		OBESE	OBESE
292	VAISHNAVI	15	F	11	P	44	D	P	42	D	P	G	P	0	3	UH	4	3	O	9.00	6.00	CLASS 1	52	165	68	19.10	0.41			
293	RTHARNIMATHI	15	F	11	P	45	P	P	35	D	UE	F	P	1	4	UH	4	0	I	11.00	6.00	CLASS 1	48	155	65	19.98	0.42			
294	ASHIFANA	15	F	11	P	41	HS	F	36	HS	UE	E	P	1	4	UH	3	0	I	10.00	5.30	CLASS 2	50	177	67	15.96	0.38			
295	VISHNU PRIYA	16	F	11	P	42	HS	F	40	HS	UE	F	P	0	5	UH	3	1	O	10.00	6.00	CLASS 2	43	162	79	16.38	0.49			
296	SOWMIYA	15	F	11	P	42	D	F	32	PHS	UE	F	P	1	4	UH	3	1	I	10.30	6.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE
297	KARUNYAVARSHINI	16	F	11	P	46	HS	F	36	HS	UE	G	P	1	4	UH	6	0	O	11.00	5.30	CLASS 2	58	163	78	21.83	0.48			
298	SOWMIYA	15	F	11	P	45	MS	F	40	HS	UE	E	P	1	5	H	3	1	O	10.30	6.00	CLASS 3	55	162	76	20.96	0.47			
299	PAVITHRA	15	F	11	P	40	HS	F	33	HS	UE	G	P	1	4	UH	6	3	I	11.30	4.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE
300	DHANUJA	15	F	11	P	47	PHS	F	37	PHS	UE	G	P	1	4	UH	5	3	I	11.30	6.05	CLASS 2	56	152	82	24.24	0.54		OBESE	OBESE
301	RUBIKA	15	F	11	P	45	PHS	F	35	PHS	UE	G	P	1	4	UH	5	3	O	11.30	6.00	CLASS 2	50	154	68	21.08	0.44			
302	DHARSHINI	15	F	11	P	42	HS	F	38	D	UE	G	P	0	3	UH	6	3	O	11.00	5.30	CLASS 2	56	160	70	21.88	0.44			

303	AKSHAYA BALA VENKATESH	15	F	11	P	41	P	F	39	PHS	UE	F	P	1	4	UH	5	0	I	10.30	5.00	CLASS 2	39	150	70	17.33	0.47				
304	MONISHA	15	F	11	P	48	P	F	42	HS	UE	D	P	1	4	UH	6	3	I	10.00	6.30	CLASS 2	50	152	71	21.64	0.47				
305	PLESSY MATHEW	15	F	11	P	44	D	P	42	D	UE	G	P	1	4	UH	3	1	O	11.30	6.00	CLASS 1	50	157	69	20.28	0.44				
306	ELAKKIYA	15	F	11	P	47	D	F	43	D	UE	F	P	1	5	H	3	1	I	11.00	7.00	CLASS 2	54	162	68	20.58	0.42				
307	SHOBANA	15	F	11	P	41	HS	F	38	HS	UE	G	P	1	4	UH	2	1	O	11.30	5.30	CLASS 3	50	163	66	18.82	0.40				
308	SRINITHI	15	F	11	P	39	HS	F	36	PHS	UE	H	P	0	3	H	1	0	O	9.30	5.00	CLASS 2	38	148	65	17.35	0.44				
309	SOWMIYA	15	F	11	P	38	HS	F	35	PHS	F	G	P	0	3	UH	4	1	I	11.00	4.30	CLASS 2	60	165	78	22.04	0.47		OBESE		
310	SHRUTHI	15	F	11	P	39	HS	F	36	PHS	UE	F	GP	1	4	UH	4	0	I	11.00	5.30	CLASS 2	38	158	63	15.22	0.40				
311	SARUMATHI	15	F	11	P	45	PHS	F	40	HS	UE	E	P	2	5	UH	3	2	O	10.00	6.00	CLASS 2	48	160	66	18.75	0.41				
312	LAVANYA	15	F	11	P	45	HS	F	40	HS	UE	G	P	2	5	UH	5	0	I	10.00	6.00	CLASS 2	45	156	65	18.49	0.42				
313	DEVADHARSHINI	15	F	11	P	45	PHS	F	38	PHS	UE	G	P	1	4	H	3	1	O	11.00	4.00	CLASS 2	40	150	65	17.78	0.43				
314	KEERTHANA	15	F	11	P	40	PHS	F	37	PHS	UE	G	P	1	5	H	1	0	O	11.00	5.00	CLASS 2	45	165	64	16.53	0.39				
315	PRIYADARSHINI	15	F	11	P	47	HS	F	45	HS	UE	F	P	1	4	UH	3	0	I	10.45	7.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE	
316	SOWBARNIYA	15	F	11	P	40	HS	F	35	D	SP	E	P	1	4	H	0	0	O	10.30	5.00	CLASS 2	48	165	65	17.63	0.39				
317	ANUSHIYA	15	F	11	P	48	HS	F	38	HS	UE	F	P	2	5	UH	0	0	I	10.00	4.00	CLASS 2	50	154	76	21.08	0.49				
318	NITHILA SARMUKI	15	F	11	P	47	HS	F	44	D	UE	G	P	1	4	UH	3	1	O	10.30	5.30	CLASS 2	50	158	67	20.03	0.42				
319	SADHANA	15	F	11	P	46	D	F	41	D	UE	G	P	1	6	UH	4	0	I	10.30	6.30	CLASS 2	54	159	92	21.36	0.58		OBESE	OBESE	
320	NANDHINI	15	F	11	P	55	PHS	F	53	HS	UE	G	P	0	3	UH	6	0	O	10.30	9.00	CLASS 2	58	165	92	21.30	0.56				
321	HARIDARSINI	15	F	11	P	45	HS	F	43	D	UE	E	P	0	3	H	0	0	O	10.30	5.00	CLASS 2	53	163	71	19.95	0.44				
322	BANU SREE	15	F	11	P	42	PHS	F	38	PHS	UE	E	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	56	165	79	20.57	0.48				
323	VINESHMA GRACY	15	F	11	P	41	D	F	35	D	UE	F	P	1	4	UH	0	0	I	10.30	4.00	CLASS 2	56	172	81	18.93	0.47				
324	NITHARSANA	15	F	11	P	54	HS	F	43	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	48	163	64	18.07	0.39				
325	KEERTHANA	15	F	11	P	38	D	F	37	PHS	UE	G	P	0	3	UH	G	2	O	9.30	8.00	CLASS 2	48	158	70	19.23	0.44				
326	VAISHNAVI	15	F	11	P	38	PHS	F	32	PHS	F	G	P	1	4	H	4	0	O	11.00	4.00	CLASS 2	45	160	66	17.58	0.41				
327	IDANYA	15	F	11	P	50	PHS	F	37	D	UE	E	P	1	4	UH	2	1	I	11.30	4.30	CLASS 2	51	148	76	23.28	0.51			OBESE	
328	RAGAVI	15	F	11	P	40	D	P	38	PHS	UE	G	P	1	4	UH	4	2	O/I	11.00	4.30	CLASS 1	36	152	63	15.58	0.41				
329	VAVUNIYA	15	F	11	P	51	PHS	F	38	I	UE	E	P	1	4	H	2	1	I	11.00	4.30	CLASS 3	46	152	65	19.91	0.43				
330	SOUNDARYA	15	F	11	P	49	D	P	38	D	UE	E	P	1	4	UH	3	3	I	11.30	6.00	CLASS 2	55	152	80	23.81	0.53		OBESE	OBESE	
331	INDHUMATHI	15	F	11	P	46	D	F	39	PHS	UE	E	P	2	5	H	1	1	O	9.00	6.30	CLASS 2	40	154	64	16.87	0.42				
332	KAVIMALAR	15	F	11	P	46	D	S	40	D	P	E	P	0	4	H	1	1	O	11.00	6.00	CLASS 2	43	160	64	16.80	0.40				
333	HARINI	13	F	8	P	42	D	F	40	D	S	G	P	1	4	H	0	0	I	10.00	4.30	CLASS 2	30	115	75	22.68	0.65		OBESE	OBESE	
334	HARSHINI	13	F	8	P	42	D	F	40	D	S	G	P	1	4	H	0	0	I	10.00	4.30	CLASS 2	35	125	73	22.40	0.58			OBESE	
335	SATHYAPRABHA	13	F	8	P	43	PHS	-	32	PHS	F	G	P	1	3	UH	3	1	I	11.00	7.30	CLASS 3	49	135	76	26.89	0.56		OBESE	OBESE	
336	KEERTHI	13	F	8	P	42	P	F	32	HS	F	F	P	1	4	UH	3	3	I	11.00	7.00	CLASS 2	40	120	75	27.78	0.63	OBESE	OBESE	OBESE	

337	JANANI	13	F	8	P	42	D	S	33	PHS	UE	F	P	1	6	UH	3	3	I	10.00	7.00	CLASS 2	45	128	76	27.47	0.59	OBESE	OBESE	OBESE
338	SAKTHI PRIYA	13	F	8	P	40	PHS	F	36	PHS	F	G	P	0	3	UH	1	1	I	9.30	5.00	CLASS 2	36	126	68	22.68	0.54			OBESE
339	NIKILA VICTOR	13	F	8	P	42	D	P	41	D	P	G	P	1	4	UH	0	0	I	9.30	5.30	CLASS 2	35	126	62	22.05	0.49			
340	MADUMITHA	13	F	8	P	42	PHS	F	36	PHS	UE	F	P	1	4	UH	3	3	I	10.00	6.00	CLASS 2	40	127	75	24.80	0.59		OBESE	OBESE
341	KAVYA	12	F	8	P	41	HS	F	40	MS	UE	G	P	1	4	H	0	0	O	9.45	4.30	CLASS 2	31	130	63	18.34	0.48			
342	RITHIKA	13	F	8	P	43	D	F	31	HS	F	G	P	1	6	H	0	0	I	10.00	5.00	CLASS 1	35	120	75	24.31	0.63	OBESE	OBESE	OBESE
343	SWEDHA	13	F	8	P	44	D	F	40	D	P	G	P	1	4	H	2	2	O	9.00	6.30	CLASS 1	31	120	60	21.53	0.50			OBESE
344	GAYATHRI	13	F	8	P	40	D	F	38	PHS	UE	F	P	2	5	UH	3	5	I	9.30	6.30	CLASS 2	40	135	76	21.95	0.56		OBESE	
345	DHIKSHANA	13	F	8	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	10.00	4.30	CLASS 2	35	125	59	22.40	0.47			
346	SATHYAJOTHI	13	F	8	P	39	D	S	37	D	SP	F	P	0	3	UH	1	1	I	9.30	5.00	CLASS 2	35	126	60	22.05	0.48			
347	SUNITHA	13	F	8	P	45	P	P	35	PHS	P	G	P	1	4	H	2	2	I	9.00	6.00	CLASS 1	38	128	74	23.19	0.58		OBESE	OBESE
348	KAVYA	14	F	8	P	45	HS	F	36	MS	UE	D	P	1	6	H	0	0	O	10.00	4.30	CLASS 3	41	135	60	22.50	0.44			
349	GOWSHIK SHREE	14	F	8	P	39	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 2	38	141	65	19.11	0.46			
350	KOWSALYA	14	F	8	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	39	145	64	18.55	0.44			
351	KAAVYA	12	F	8	P	42	HS	F	32	D	UE	F	P	1	4	UH	0	0	O	10.00	4.30	CLASS 2	32	120	59	22.22	0.49			
352	KIRUTHIKA	13	F	8	P	42	HS	F	31	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 2	36	127	62	22.32	0.49			
353	PRATHIKSHA	13	F	8	P	44	D	P	39	D	P	F	P	1	6	UH	2	1	I	10.00	6.00	CLASS 2	49	145	76	23.31	0.52		OBESE	
354	LAKSHITHA SHREE	13	F	8	P	40	PG	F	37	PG	UE	F	P	1	6	UH	3	1	I	9.30	5.30	CLASS 2	43	130	75	25.44	0.58		OBESE	OBESE
355	AHALYA	13	F	8	P	43	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 1	35	126	62	22.05	0.49			
356	SANGEETHA	14	F	9	P	48	HS	F	45	PHS	UE	D	P	1	4	H	3	1	O	10.00	4.45	CLASS 2	40	133	62	22.61	0.47			
357	VARSHINI	14	F	9	P	40	PG	P	32	PG	P	G	P	1	4	UH	2	1	O	10.00	5.45	CLASS 1	42	135	65	23.05	0.48			
358	PRIYANKA	13	F	9	P	46	D	F	42	D	F	F	P	1	6	UH	4	3	I	10.00	6.30	CLASS 2	74	159	80	29.27	0.50	OBESE	OBESE	OBESE
359	HEERA	13	F	9	P	42	D	F	30	PHS	UE	G	P	2	5	H	3	2	I	11.00	7.00	CLASS 2	50	130	76	29.59	0.58	OBESE	OBESE	OBESE
360	NANDHANA	14	F	9	P	43	D	F	37	PG	F	G	P	1	4	UH	4	3	I	10.15	6.00	CLASS 2	60	134	78	33.42	0.58	OBESE	OBESE	OBESE
361	KAVI BHARATHI	14	F	9	P	42	PHS	F	42	PHS	F	E	P	1	4	UH	2	3	I	10.15	6.30	CLASS 2	67	128	80	40.89	0.63	OBESE	OBESE	OBESE
362	ABHI VARSHINI	13	F	9	P	40	MS	S	32	MS	UE	F	P	1	4	UH	1	1	O	9.45	5.00	CLASS 3	35	135	65	19.20	0.48			
363	SANJANA SRI	14	F	9	P	42	D	P	39	D	P	G	P	0	5	H	0.45	1	O	9.30	6.30	CLASS 1	36	128	62	21.97	0.48			
364	NANDHITHA	14	F	9	P	43	D	F	40	D	UE	E	P	0	3	H	1	1	O	10.15	4.00	CLASS 2	40	125	74	25.60	0.59			
365	SATHURTHANA	13	F	9	P	43	MS	F	40	HS	UE	E	P	0	3	H	2	1	I	10.15	4.00	CLASS 2	42	125	75	26.88	0.60		OBESE	OBESE
366	SAMYUKTHA	14	F	9	P	42	PG	P	39	D	UE	G	P	1	4	UH	1	1	I	9.30	6.30	CLASS 1	40	138	68	21.00	0.49			
367	GAYATHRI	14	F	9	P	46	PHS	F	43	D	S	G	P	1	5	UH	3	1	O	9.30	5.00	CLASS 2	65	137	78	34.63	0.57	OBESE	OBESE	OBESE
368	AHALYA	14	F	9	P	46	PHS	S	42	HS	UE	F	P	1	4	UH	3	1	O	9.00	6.00	CLASS 2	52	135	79	28.53	0.59	OBESE	OBESE	OBESE
369	MADHUMITHA	13	F	9	P	48	PHS	S	37	PHS	UE	F	P	1	6	H	1	1	O	10.00	5.00	CLASS 2	32	125	59	20.48	0.47			
370	PRIYADARSHINI	12	F	9	P	43	PHS	F	40	PHS	UE	F	P	2	5	UH	4	1	I	10.00	5.00	CLASS 2	34	132	58	19.51	0.44			

371	SARANYA	13	F	9	P	37	D	F	37	D	F	F	P	1	4	H	1	1	O	10.00	4.00	CLASS 2	40	132	56	22.96	0.42			
372	PRATHIKSHA	14	F	9	P	42	D	F	38	PHS	UE	F	P	1	4	UH	3	1	O	10.30	6.00	CLASS 2	39	132	58	22.38	0.44			
373	SHARMILA	14	F	9	P	46	HS	S	36	D	UE	C	P	1	4	H	1	1	O	10.30	5.30	CLASS 4	40	132	58	22.96	0.44			
374	PRIYADHARSHINI	14	F	9	P	49	D	F	46	HS	S	D	P	1	4	UH	4	2	I	10.00	6.00	CLASS 3	47	126	77	29.60	0.61	OBESE	OBESE	OBESE
375	ISWARYA	14	F	9	P	46	PG	P	40	D	P	G	P	1	5	UH	4	2	I	10.00	6.30	CLASS 2	49	136	78	26.49	0.57		OBESE	OBESE
376	MADHUMITHA	13	F	9	P	47	HS	P	40	D	PS	G	P	1	4	UH	2	2	O	10.30	6.00	CLASS 2	40	138	64	21.00	0.46			
377	DIVYA	14	F	9	P	46	PHS	F	42	PHS	UE	G	P	1	4	UH	4	2	I	10.30	6.30	CLASS 2	36	130	60	21.30	0.46			
378	NARMATHA	15	F	9	P	45	PG	F	35	HS	S	G	P	0	3	UH	3	3	O	10.00	6.00	CLASS 2	40	132	62	22.96	0.47			
379	ANU SHREE	13	F	9	P	42	HS	F	35	HS	F	G	P	1	4	UH	4	2	I	9.45	5.00	CLASS 2	65	125	82	41.60	0.66	OBESE	OBESE	OBESE
380	VASUNDRA	14	F	9	P	42	PG	P	39	D	UE	G	P	1	4	UH	4	2	I	10.00	7.00	CLASS 2	53	135	79	29.08	0.59	OBESE	OBESE	OBESE
381	VIKASHINI	14	F	9	P	35	D	SP	34	PG	P	G	P	0	4	UH	4	3	I	10.00	6.00	CLASS 1	70	157	75	28.40	0.48	OBESE		
382	VALLIAMMAI	13	F	9	P	42	D	SP	32	PHS	UE	F	P	1	4	UH	2	2	O	10.30	6.00	CLASS 2	35	134	64	19.49	0.48			
383	SUDHARSANA	13	F	9	P	42	D	F	39	PHS	UE	F	P	1	4	UH	4	1	O	10.30	5.00	CLASS 2	36	128	63	21.97	0.49			
384	NIKILA	14	F	9	P	45	HS	S	39	PG	P	F	P	1	4	UH	2	2	O	10.00	4.15	CLASS 2	40	132	62	22.96	0.47			
385	SRE VARSHAN	14	F	9	P	40	D	F	34	D	UE	F	P	2	5	UH	3	2	I	10.15	4.30	CLASS 2	40	131	63	23.31	0.48			
386	ABINAYA	14	F	9	P	40	D	F	35	D	UE	E	P	1	6	UH	3	2	I	10.15	4.30	CLASS 2	36	126	60	22.68	0.48			
387	ABINAYA SHREE	14	F	9	P	41	PG	P	40	PG	P	G	P	1	4	UH	1	1	O	10.00	6.00	CLASS 1	40	130	61	23.67	0.47			
388	VISDHYA SRI	14	F	9	P	41	HS	F	39	HS	F	G	P	1	4	UH	3	1	I	10.00	5.00	CLASS 2	48	130	77	28.40	0.59	OBESE	OBESE	OBESE
389	SARANYA	14	F	9	P	40	HS	F	33	PHS	UE	G	P	2	5	UH	2	1	I	9.45	6.30	CLASS 2	59	128	80	36.01	0.63	OBESE	OBESE	OBESE
390	ISWARYA KAMATCHI	15	F	9	P	42	D	P	37	D	UE	G	P	1	4	UH	2	2	O	10.00	5.00	CLASS 2	42	140	62	21.43	0.44			
391	SUBHASHREE	14	F	10	P	45	D	F	39	D	UE	G	G	1	5	UH	0	0	O	11.00	5.00	CLASS 2	45	156	60	18.49	0.38			
392	KEERTHI SREE	14	F	10	P	44	D	SP	42	D	UE	E	P	1	4	UH	1	1	O	11.00	4.00	CLASS 2	50	152	62	21.64	0.41			
393	SRINILA	15	F	10	P	40	D	SP	38	D	SP	E	P	0	3	H	0	0	I	10.00	4.30	CLASSS 2	60	158	80	24.03	0.51		OBESE	OBESE
394	AASHIKA	14	F	10	P	46	PG	P	45	PG	P	G	P	0	3	H	1.3	1	O	12.00	4.00	CLASS 1	45	153	70	19.22	0.46			
395	SABEETHA	15	F	10	P	42	PHS	F	39	PHS	UE	D	P	1	4	H	2	2	O	10.30	4.00	CLASS 3	68	165	78	24.98	0.47		OBESE	
396	MEGALA	14	F	10	P	45	HS	F	42	HS	F	G	P	1	4	UH	1	0	I	12.00	5.00	CLASS 2	42	123	77	27.76	0.63	OBESE	OBESE	OBESE
397	NAMITHA	15	F	10	P	41	D	F	36	PHS	UE	G	P	1	6	UH	2	0	O	10.00	4.00	CLASS 2	45	155	68	18.73	0.44			
398	ISWARIYA	15	F	10	P	42	PHS	S	39	PHS	UE	F	P	1	4	H	4	2	O	10.30	5.00	CLASS 3	65	150	79	28.89	0.53	OBESE	OBESE	OBESE
399	PRIYADARSHINI	15	F	10	P	48	PHS	F	43	PHS	-	F	P	1	3	H	0	0	O	11.00	5.30	CLASS 3	45	165	60	16.53	0.36			
400	DHANUSHAA	14	F	10	P	59	HS	P	48	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	50	156	61	20.55	0.39			
401	AISWARYA LAKSHMI	14	F	10	P	48	D	P	43	HS	UE	F	P	1	4	UH	2	1	O	12.00	4.30	CLASS 2	50	158	62	20.03	0.39			
402	JAISHREE	15	F	10	P	50	D	F	41	PHS	UE	G	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	62	164	64	23.05	0.39			
403	KRITHIKA	15	F	10	P	50	D	F	40	D	SP	G	P	1	4	UH	0	0	O	11.30	5.00	CLASS 2	45	162	62	17.15	0.38			
404	PRIYADHARSHINI	15	F	10	P	39	PHS	P	36	D	UE	G	P	1	4	H	4	1	O	10.30	4.00	CLASS 2	40	145	60	19.02	0.41			

405	SANDHYA	15	F	10	P	47	PHS	F	39	PHS	F	D	P	0	3	H	4	1	I	11.30	5.00	CLASS 3	89	159	85	35.20	0.53	OBESE	OBESE	OBESE
406	NITHYASHREE	15	F	10	P	49	D	P	43	PG	P	G	P	1	4	UH	1	1	O	10.00	4.00	CLASS 2	35	160	61	13.67	0.38			
407	RITHIKA SHRI	15	F	10	P	40	D	P	35	D	UE	F	P	0	3	UH	2	1	O	11.30	4.30	CLASS 2	40	160	76	15.63	0.48			
408	PAVITHRA	14	F	10	P	43	D	S	36	D	UE	F	P	1	4	H	2	1	O	12.00	4.00	CLASS 3	50	162	62	19.05	0.38			
409	ABIRAMI	14	F	10	P	48	D	P	43	MS	UE	F	P	1	4	H	2	0	O	10.00	5.00	CLASS 2	58	155	80	24.14	0.52		OBESE	OBESE
410	ABIRAMI SRI	14	F	10	P	45	I	F	36	I	UE	D	P	1	4	H	4	1	O	9.00	6.00	CLASS 4	35	150	73	15.56	0.49			
411	PRIYADHARSHINI	14	F	10	P	45	D	P	42	D	P	F	P	1	4	H	5	0	I	10.00	4.00	CLASS 2	60	155	78	24.97	0.50		OBESE	OBESE
412	SUMETHA	13	F	10	P	41	PHS	F	30	HS	UE	F	P	1	4	UH	0	0	O	11.30	4.30	CLASS 3	41	135	66	22.50	0.49			
413	GOKILAVANI	14	F	10	P	48	D	P	43	PHS	UE	F	P	1	4	H	2	0	O	12.00	4.00	CLASS 2	43	143	66	21.03	0.46			
414	AKSHAYA BALA VENKATESH	15	F	10	P	59	D	P	56	HS	UE	F	P	0	3	H	0	0	I	11.30	5.00	CLASS 2	50	150	65	22.22	0.43			
415	AISHWARIYA	14	F	10	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	46	167	60	16.49	0.36			
416	CHRISTINA CATHRINE	15	F	10	P	43	D	F	43	D	SP	G	P	0	3	H	1	1	O	9.00	5.00	CLASS 1	45	164	61	16.73	0.37			
417	KAVINA	14	F	10	P	43	HS	F	36	HS	UE	F	P	1	4	H	2	1	I	9.30	5.00	CLASS 2	40	155	60	16.65	0.39			
418	NIVETHITHA	15	F	10	P	46	HS	F	36	HS	UE	F	P	1	4	UH	2	0	I	8.30	5.00	CLASS 2	52	148	81	23.74	0.55		OBESE	OBESE
419	SUVETHA	14	F	10	P	43	HS	F	43	D	UE	F	P	1	4	UH	1	1	I	10.00	6.00	CLASS 3	40	160	76	15.63	0.48			
420	SNEHA	15	F	10	P	40	D	P	38	D	P	F	P	1	4	H	0	0	O	11.00	4.30	CLASS 2	53	158	72	21.23	0.46			
421	RATHI BARGAVI	15	F	10	P	64	PHS	UE	63	HS	S	D	P	0	3	UH	4	0	O	10.30	4.00	CLASS 3	35	150	73	15.56	0.49			
422	ABAGNA	15	F	10	P	47	D	SP	41	D	P	G	P	1	4	H	1	1	I	10.00	5.00	CLASS 2	38	162	60	14.48	0.37			
423	KAVI PRIYA	15	F	10	P	40	HS	F	38	PHS	UE	F	P	1	4	H	1	0	O	10.45	4.15	CLASS 3	53	158	65	21.23	0.41			
424	JANA PRETHA	15	F	10	P	40	D	P	37	PHS	UE	F	P	1	4	UH	0	0	O	10.30	4.30	CLASS 2	42	155	66	17.48	0.43			
425	VISWAVARDHINI	15	F	10	P	48	PG	P	45	D	UE	G	P	2	5	H	0.3	1	I	10.00	4.45	CLASS 2	40	160	60	15.63	0.38			
426	ANUSRI	13	F	9	G	40	PHS	S	36	HS	US	B	P	1	4	UH	2	0	I	9.00	6.00	CLASS 4	41.6	144	68	20.06	0.47			
427	KANDHAYEE	15	F	9	G	45	MS	US	43	MS	US	B	P	1	4	UH	2	0	O	9.00	7.00	CLASS 4	25.2	140.5	56	12.77	0.40			
428	SANGEETHA	14	F	9	G	38	MS	US	36	MS	US	B	P	1	6	UH	3	3	I	9.00	6.00	CLASS 4	36.5	151	57	16.01	0.38			
429	PRIYADHARSHINI	14	F	9	G	42	MS	S	35	PS	UE	C	P	1	4	UH	5	2	O	9.00	5.00	CLASS 3	46.8	155	64	19.48	0.41			
430	MOHANAPRIYA	15	F	9	G	38	D	F	32	MS	UE	B	P	1	4	H	3	1	I	9.00	6.00	CLASS 3	33.7	148	54	15.39	0.36			
431	GOKILA	13	F	9	G	-	-	-	35	MS	S	C	P	1	5	UH	3	1	I	9.30	6.00	CLASS 3	38.5	145	59	18.31	0.41			
432	NANDHINI	13	F	9	G	39	MS	US	33	HS	US	C	P	1	4	UH	3	1	I	9.00	6.00	CLASS 3	41.7	142	60	20.68	0.42			
433	VEERAMANI	14	F	9	G	42	MS	US	33	MS	US	B	P	1	4	-	3	1	O	9.00	7.00	CLASS 4	34	157	59	13.79	0.38			
434	ARUNA	14	F	9	G	39	PHS	US	30	MS	US	C	P	0	3	UH	5	3	O	9.00	6.00	CLASS 3	49	156	60	20.13	0.38			
435	ARTHIKA	13	F	9	G	48	HS	US	45	MS	US	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 3	46.2	160	61	18.05	0.38			
436	NITHYA	15	F	9	G	40	MS	US	30	MS	UE	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 2	43.2	152	62	18.70	0.41			
437	ARTHI	14	F	9	G	43	PHS	US	42	PS	US	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	44.6	149	63	20.09	0.42			
438	DEVI	14	F	9	G	45	PS	US	38	PHS	US	C	P	1	5	UH	2	1	O	9.00	6.00	CLASS 3	36.5	158	55	14.62	0.35			

439	PONNARASI	15	F	9	G	45	HS	F	42	PS	F	B	P	3	9	UH	5	3	O	9.00	5.00	CLASS 4	40.2	150	63	17.87	0.42			
440	MOHAMMADHREE	15	F	9	G	42	PS	US	38	PS	US	B	P	1	4	UH	0	0	O	10.00	7.00	CLASS 4	33.1	147	60	15.32	0.41			
441	VENNILA	15	F	9	G	39	MS	US	39	IL	US	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 4	55	158	76	22.03	0.48			
442	HEMAN	11	M	6	G	41	PHS	US	38	MS	US	B	P	1	4	UH	0	0	O	9.00	6.00	CLASS 4	28.5	135	49	15.64	0.36			
443	MANIKANDAN	12	M	6	G	41	PS	S	43	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	30.5	137	53	16.25	0.39			
444	VIVEK	12	M	6	G	33	PHS	S	32	HS	UE	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	30.8	151	53	13.51	0.35			
445	SATHISWARAN	11	M	6	G	43	HS	S	34	HS	S	B	P	2	5	UH	0	0	O	8.00	7.00	CLASS 3	29.2	143	51	14.28	0.36			
446	GANESH	12	M	6	G	39	MS	S	37	MS	UE	B	P	1	4	UH	5	3	O	10.00	8.00	CLASS 4	35	136	58	18.92	0.43			
447	KARNAN	11	M	6	G	50	MPS	UE	49	PS	US	B	P	1	5	UH	5	3	O	10.00	6.00	CLASS 4	23	121	51	15.71	0.42			
448	MUKILAN	11	M	6	G	38	PHS	S	38	PHS	S	C	P	2	5	UH	4.5	2	O	10.00	6.00	CLASS 3	24	129	51	14.42	0.40			
449	GOWSIK	11	M	6	G	50	MS	UE	35	HS	US	B	P	1	4	UH	6	3	O	10.00	6.00	CLASS 4	22.5	130	50	13.31	0.38			
450	VISHWAPANDIAN	12	M	6	G	40	D	S	35	MS	US	C	P	1	4	UH	6	3	O	11.00	6.00	CLASS 3	31.8	141	54	16.00	0.38			
451	SOWNYAI	13	F	6	G	37	D	S	35	IL	S	B	P	2	5	-	1	0	I	8.00	6.00	CLASS 3	38.5	144	59	18.57	0.41			
452	ADHILAKSHMI	11	F	6	G	38	HS	S	33	MS	S	C	P	0	4	-	1	1	I	9.00	6.00	CLASS 3	32.9	133	61	18.60	0.46			
453	JOTHILAKSHMI	11	F	6	G	46	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	25	130	49	14.79	0.38			
454	CHARU NETHRA	11	F	6	G	47	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	29.6	143	53	14.48	0.37			
455	PRADEPA	11	F	6	G	45	PHS	S	37	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	24.7	134	50	13.76	0.37			
456	LILLA	12	F	6	G	38	HS	S	36	MS	S	C	P	2	5	UH	9	3	O	10.00	6.00	CLASS 3	30	143	54	14.67	0.38			
457	YUVASHREE	11	F	6	G	37	HS	S	36	HS	UE	C	P	1	5	UH	1	1	I	11.00	5.00	CLASS 3	27.7	137	54	14.76	0.39			
458	DIVYA	12	F	6	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	6	3	I	9.00	6.00	CLASS 4	31	131	55	18.06	0.42			
459	MANISHA	15	F	8	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	36.6	160	52	14.30	0.33			
460	SONAL	14	F	8	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	30.3	146	51	14.21	0.35			
461	YAZHINI	13	F	8	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	48.5	153	60	20.72	0.39			
462	SARMILA	14	F	8	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	40	156	57	16.44	0.37			
463	MAHESWARI	13	F	8	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	43.5	159	57	17.21	0.36			
464	SUJI	12	F	8	G	36	MS	US	35	MS	US	B	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	32	141	52	16.10	0.37			
465	NANDHINI	13	F	8	G	36	MS	US	35	MS	US	C	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	34.7	141	59	17.45	0.42			
466	SANDHIYA	13	F	8	G	42	IL	US	35	IL	US	B	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	32.5	142	58	16.12	0.41			
467	HAZEENA	13	F	8	G	34	MS	S	33	PHS	UE	C	P	1	4	UH	2	1	O	8.30	6.00	CLASS 3	40.9	151	57	17.94	0.38			
468	RAJESWARI	13	F	8	G	40	MS	S	38	MS	UE	B	P	2	5	UH	2	1	O	9.30	6.00	CLASS 3	37	142	58	18.35	0.41			
469	SRIDEVI	13	F	8	G	40	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	42.7	147	62	19.76	0.42			
470	ISHWARYA	13	F	8	G	40	HS	US	35	MS	US	B	P	0	3	UH	12	3	O	8.00	6.00	CLASS 4	36.1	141	56	18.16	0.40			
471	SWETHA	13	F	8	G	40	HS	S	38	MS	US	C	P	0	3	UH	2	1	O	9.30	5.30	CLASS 3	55.8	144.5	82	26.72	0.57		OBESE	OBESE
472	POOJA	12	F	7	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	6	3	I	9.00	6.00	CLASS 4	22.7	127	47	14.07	0.37			

473	TAMILARASI	11	F	7	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	29.5	135	51	16.19	0.38			
474	ABIRAMI	12	F	7	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	28.6	145	47	13.60	0.32			
475	MONISHA	13	F	7	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	6	2	I	9.00	6.00	CLASS 4	25	127	48	15.50	0.38			
476	SANTHARA	13	F	7	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	40.4	152	55	17.49	0.36			
477	RESHMA	14	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	37	149	59	16.67	0.40			
478	ABITHA	12	F	7	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	26.4	141	47	13.28	0.33			
479	KIRUTHIKA LAKSHMI	12	F	7	G	45	MS	US	40	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	25	137	47	13.32	0.34			
480	GAYATHRI	12	F	7	G	40	HS	US	36	PS	UE	B	P	2	5	UH	2	1	I	9.00	7.00	CLASS 4	43.6	141	71.7	21.93	0.51		OBESE	OBESE
481	KOWSALYA	12	F	7	G	42	MS	F	34	MS	S	C	P	1	4	UH	0	0	O	11.00	6.00	CLASS 3	30.2	130	51	17.87	0.39			
482	DIVYA	12	F	7	G	64	HS	UE	59	PS	US	C	P	0	2	UH	3	2	O	1.00	7.00	CLASS 4	27.6	136	48	14.92	0.35			
483	NANDHINI	12	F	7	G	34	MS	S	36	MS	S	B	P	1	4	-	1	0	O	11.00	6.00	CLASS 3	30.2	140	51	15.41	0.36			
484	DHANYALAKSHMI	12	F	7	G	36	HS	F	33	MS	US	D	P	1	4	-	2	0	I	11.00	7.00	CLASS 3	34.2	142	55	16.96	0.39			
485	KAVIYA	12	F	7	G	54	PHS	F	45	HS	F	C	P	1	4	UH	0.3	0	I	10.30	6.00	CLASS 3	23.7	129	49	14.24	0.38			
486	ADITH	13	M	7	G	50	D	S	45	IL	UE	E	P	1	3	-	2	1	I	9.00	5.00	CLASS 3	39.7	144	51	19.15	0.35			
487	NAVEEN KUMAR	12	M	7	G	47	PHS	S	43	HS	UE	C	P	1	4	UH	1	0	O	10.00	8.00	CLASS 3	28.4	136	53	15.35	0.39			
488	SATHVEER	13	M	7	G	31	PHS	S	30	HS	UE	C	P	2	5	UH	1	0	I	10.00	7.00	CLASS 3	39.3	154	56	16.57	0.36			
489	VIGNESH	11	M	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	25	143	45	12.23	0.31			
490	AMEER BASHA	12	M	7	G	32	MS	US	31	HS	UE	B	P	1	4	UH	1	3	I	9.30	7.00	CLASS 4	29.5	140	55	15.05	0.39			
491	ROSHAN	12	M	7	G	42	MS	US	32	D	UE	C	P	1	4	UH	0.2	1	I	9.00	6.00	CLASS 4	26.5	135	44	14.54	0.33			
492	DHANUSH	12	M	7	G	47	PS	S	37	HS	UE	C	P	2	5	UH	1	1	O	9.30	6.30	CLASS 3	34.5	140	57	17.60	0.41			
493	SASIKUMAR	12	M	7	G	35	MS	US	30	MS	UE	C	P	1	5	UH	8	3	O	10.00	7.00	CLASS 4	33.6	148	55	15.34	0.37			
494	VIDNESHWARAN	12	M	7	G	45	PHS	S	40	MS	UE	C	P	2	4	UH	1	1	O	10.00	6.30	CLASS 3	40.3	133	72	22.78	0.54		OBESE	OBESE
495	VISHNUWARTHAN	11	M	7	G	34	HS	S	30	HS	S	C	GP	1	4	UH	1	1	I	10.00	6.00	CLASS 4	44.2	151	64	19.39	0.42			
496	KIRISHTOBER	12	M	7	G	43	MS	S	32	PS	UE	B	P	3	4	UH	0.1	1	I	10.00	7.00	CLASS 4	27.8	136	51	15.03	0.38			
497	SARAN	13	M	8	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	31.2	141	59	15.69	0.42			
498	KARAN	13	M	8	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	33	143	53	16.14	0.37			
499	SARAN	13	M	8	G	47	MS	UE	50	MS	US	B	P	1	4	UH	6	3	O	9.00	6.00	CLASS 4	37	142	68	18.35	0.48			
500	ILAIYARAJA	13	M	8	G	36	PS	S	35	IL	UE	B	P	2	5	UH	7	3	O	10.00	8.00	CLASS 4	29	144	57	13.99	0.40			
501	PASUBATHI	13	M	8	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	40	153	62	17.09	0.41			
502	ARJUN	12	M	8	G	42	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	30.1	148	55	13.74	0.37			
503	SURYA	12	M	8	G	42	MS	S	31	PS	US	C	P	2	5	UH	2	0	I	10.00	9.00	CLASS 3	39.4	148	68	17.99	0.46			
504	SAMUVEL PRABHU	12	M	8	G	40	MS	S	30	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	26.2	132	52	15.04	0.39			
505	LARANS	13	M	8	G	42	PS	S	40	HS	S	C	P	3	6	UH	1	1	O	9.00	4.00	CLASS 3	36.4	148	62	16.62	0.42			
506	AJITH	14	M	8	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	41	143	67	20.05	0.47			

507	SAKTHI VIGNESH	14	M	8	G	50	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	39.2	155	59	16.32	0.38			
508	DINESH	13	M	8	G	40	PS	S	36	MS	S	B	P	1	3	UH	3	2	O	10.00	4.30	CLASS 4	37	144	62	17.84	0.43			
509	SOWNDAR RAJ	13	M	8	G	35	MS	S	30	MS	US	C	P	1	4	UH	2	1	O	10.00	6.00	CLASS 4	30	134	54	16.71	0.40			
510	SANGAMESHWARAN	13	M	8	G	34	PS	S	32	PS	UE	C	P	0	3	UH	2	0	O	9.00	6.30	CLASS 4	47.5	147	72	21.98	0.49			
511	NAVEENKUMAR	12	M	8	G	55	PHS	S	52	IL	US	B	P	1	5	UH	6	3	I	9.00	6.00	CLASS 4	56	151	82	24.56	0.54		OBESE	OBESE
512	KARTHIK	13	M	8	G	40	PS	US	30	IL	US	C	P	3	6	-	1	1	O	9.00	6.00	CLASS 4	44	151	78	19.30	0.52		OBESE	OBESE
513	RAHUL	14	M	8	G	48	D	S	33	IL	UE	E	P	1	4	-	1	0	I	9.00	7.00	CLASS 3	54	153	84	23.07	0.55		OBESE	OBESE
514	HARISH	13	M	8	G	46	MS	S	36	HS	UE	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	46	140	72	23.47	0.51			OBESE
515	MAHALIMGAM	13	M	8	G	43	PS	S	35	PS	US	B	P	2	5	UH	2	2	O	10.00	8.00	CLASS 4	27	133	47	15.26	0.35			
516	SUMAN	15	M	9	G	48	D	US	42	HS	US	B	G	2	3	-	2	0	O	10.00	6.00	CLASS 4	49.2	173	71	16.44	0.41			
517	SOWDAR RAJ	14	M	9	G	37	PS	UE	29	PS	US	C	P	1	4	UH	2	1	I	8.30	6.30	CLAAS 3	30.3	150	50	13.47	0.33			
518	THAMAIKANNAN	14	M	9	G	54	MS	US	50	PS	US	C	P	1	4	UH	1	1	O	11.00	6.30	CLASS 4	30	152	58	12.98	0.38			
519	RAJA	15	M	9	G	36	PS	US	36	PS	US	B	P	2	5	H	2	1	O	11.00	6.00	CLASS 4	42.5	162	64	16.19	0.40			
520	RUBAVIGNESH	14	M	9	G	42	MS	S	35	MS	UE	D	P	0	3	UH	5	3	O	9.00	5.00	CLASS 3	31.2	137	57	16.62	0.42			
521	ARAVINTH	15	M	9	G	42	IL	US	38	IL	US	B	P	2	5	UH	2	0	O	9.00	6.00	CLASS 4	36.4	160	63	14.22	0.39			
522	RAMESH	15	M	9	G	50	HS	S	60	MS	UE	C	P	1	4	UH	2	1	O	9.00	6.00	CLASS 4	41.3	161	62	15.93	0.39			
523	SURESHBABU	14	M	9	G	80	IL	US	67	IL	US	B	P	0	3	UH	6	3	O	9.00	6.00	CLASS 4	56	162	74	21.34	0.46			
524	VASANTH	15	M	9	G	49	HS	F	38	MS	UE	C	P	3	6	UH	0	0	O	10.00	6.00	CLASS 4	51	163	69	19.20	0.42			
525	RANGANATHAN	14	M	9	G	40	PS	US	35	MS	US	C	P	2	5	UH	5	2	O	9.00	6.00	CLASS 4	35.6	162	60	13.57	0.37			
526	MUKESH	14	M	9	G	40	MS	S	38	MS	US	C	P	1	4	UH	5	3	O	11.00	6.00	CLASS 3	31.5	155	53	13.11	0.34			
527	JEEVA	13	M	9	G	-	-	-	38	HS	US	B	P	1	4	UH	3	1	O	8.30	6.00	CLASS4	39.5	156	67	16.23	0.43			
528	SELLAPPAN	14	M	9	G	40	IL	US	39	IL	US	C	P	2	3	UH	3	0	O	9.00	8.00	CLASS 4	30.1	147	55	13.93	0.37			
529	ANANDH	15	M	9	G	41	HS	US	31	MS	US	B	P	1	7	UH	7	3	O	9.00	6.00	CLASS 4	28.5	145	53	13.56	0.37			
530	BASKAR	15	M	9	G	42	MS	F	39	MS	UE	D	P	1	4	UH	6	3	O	9.00	6.00	CLASS 3	45.3	165	67	16.64	0.41			
531	MOHAMMAD RIYAS	14	M	9	G	-	-	-	37	HS	S	C	P	1	4	UH	3	0	O	10.00	7.00	CLASS 4	29.7	151	57	13.03	0.38			
532	BARANI	14	M	9	G	42	IL	US	32	IL	US	C	P	1	4	UH	5	2	O	9.30	6.00	CLASS 4	31.6	145	51	15.03	0.35			
533	ARAVINTH	13	M	9	G	49	HS	F	38	MS	F	C	P	3	6	UH	3	1	O	10.00	7.00	CLASS4	62.2	155	86	25.89	0.55		OBESE	OBESE
534	SAKTHI	15	M	9	G	40	MS	S	35	PS	UE	C	P	2	5	UH	3	1	O	9.00	6.00	CLASS 4	71.3	168	87	25.26	0.52		OBESE	OBESE
535	KASI VISWANATHAN	15	M	10	G	39	PS	US	38	PS	US	C	P	1	4	UH	4	1	O	10.00	6.30	CLASS 4	41.6	161	59	16.05	0.37			
536	SUBASH	15	M	10	G	43	D	P	38	HS	UE	D	P	2	5	-	1	2	I	9.30	6.00	CLASS 3	63	159	82	24.92	0.52			OBESE
537	AJITH	15	M	10	G	46	MS	US	36	PS	US	D	P	0	5	UH	1	3	O	9.00	5.00	CLASS 3	36.9	141	60	18.56	0.43			
538	SAKTHIVEL	14	M	10	G	48	MS	US	45	IL	US	B	P	0	3	UH	0.3	2	O	8.00	6.00	CLASS 4	38	151	55	16.67	0.36			
539	SHAJEK	15	M	10	G	38	PS	F	34	HS	F	D	P	1	4	UH	2	1	I	10.00	5.00	CLASS 3	46.6	160	68	18.20	0.43			
540	SIVASAKTHI	15	M	10	G	36	MS	US	34	HS	US	E	P	1	4	UH	3	1	I	7.00	6.00	CLASS 3	39.5	162	61	15.05	0.38			

541	SABARI MENAGARAJ	14	M	10	G	38	D	F	34	HS	UE	C	P	2	5	UH	2	1	O	9.00	7.30	CLASS 4	50.3	161	71	19.41	0.44			
542	PRABHU	15	M	10	G	40	PS	US	38	PS	US	B	P	1	4	UH	2	1	I	10.00	6.00	CLASS 4	30.9	159	61	12.22	0.38			
543	PRADAP	15	M	10	G	40	PS	US	38	PS	US	C	G	4	6	UH	3	3	O	9.00	6.00	CLASS 4	41.4	152	61	17.92	0.40			
544	ARJUN	14	M	10	G	38	PS	US	35	PS	US	D	P	0	5	UH	2	2	O	9.00	6.00	CLASS 3	36	142	59	17.85	0.42			
545	KARTHIKEYAN	15	M	10	G	48	MS	US	41	HS	US	C	P	0	3	UH	-	-	O	8.30	6.00	CLASS 4	53.4	170	72	18.48	0.42			
546	RAJASEKAR	15	M	10	G	38	MS	US	35	PS	US	D	G	0	8	UH	1	1	O	8.00	6.00	CLASS 3	39.3	152	58	17.01	0.38			
547	MANIKANDAN	14	M	10	G	56	PS	US	38	PS	US	E	P	2	5	UH	5	3	O	10.30	7.30	CLASS 3	31.7	159	59	12.54	0.37			
548	YOGARAJ	15	M	10	G	46	MS	US	37	PS	US	C	P	1	4	H	2	1	O	11.00	6.00	CLASS 4	33.7	159	60	13.33	0.38			
549	PRASATH	15	M	10	G	-	-	-	42	HS	US	C	P	1	3	UH	2	2	O	9.00	6.00	CLASS 4	32.7	143	60	15.99	0.42			
550	GOKULA KRISHNAN	15	M	10	G	48	D	US	35	MS	US	C	P	1	4	UH	2	2	O	11.30	5.00	CLASS 4	40.6	158	66	16.26	0.42			
551	RAJAGURU	15	M	10	G	38	HS	S	32	HS	UE	C	P	3	8	UH	1	-	O	9.00	6.00	CLASS 4	53.1	157	76	21.54	0.48			OBESE
552	SIVARAMAN	15	M	10	G	58	PS	US	36	PS	US	C	P	1	7	UH	1	2	O	8.00	5.00	CLASS 4	41	148	68	18.72	0.46			
553	DHANAPAL	15	M	10	G	45	MS	US	35	HS	US	A	P	0	7	UH	1	0	O	1.00	6.00	CLASS 4	35.5	159	58	14.04	0.36			
554	KARANESH	15	M	10	G	42	MS	US	36	PS	US	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 4	61.9	168	73	21.93	0.43			
555	PADAIYAPPA	15	M	10	G	49	IL	US	39	IL	US	C	P	4	7	UH	-	-	O	9.00	6.00	CLASS 4	51.8	164	70	19.26	0.43			
556	PRABHU	15	M	10	G	36	HS	US	28	MS	US	E	P	1	4	UH	2	2	O	10.00	6.30	CLASS 3	44	167	64	15.78	0.38			
557	NAGARAJ	15	M	10	G	32	HS	US	31	PHS	US	C	P	1	4	UH	3	2	O	9.30	7.30	CLASS 4	46	160	62	17.97	0.39			
558	POUNRAJ	15	M	10	G	62	IL	US	40	IL	US	D	P	2	5	UH	2	2	O	10.30	7.00	CLASS 4	55.4	166	68	20.10	0.41			
559	KANNAN	15	M	10	G	36	HS	S	33	MS	UE	G	P	1	4	UH	2	2	O	11.00	7.00	CLASS 3	42.2	160	60	16.48	0.38			
560	MARIKANI	15	M	10	G	45	IL	US	37	IL	US	E	P	0	5	UH	2	1	O	11.00	7.00	CLASS 3	50	175	68	16.33	0.39			
561	SURESH KRISHNA	15	M	10	G	40	MS	US	36	PS	US	C	P	1	4	-	-	-	O	10.00	6.30	CLASS 4	44.6	162	64	16.99	0.40			
562	ARAVINDH	15	M	10	G	58	HS	S	45	HS	UE	E	P	1	5	UH	2	2	O	10.30	7.00	CLASS 3	44	161	60	16.97	0.37			
563	GOKUL	15	M	10	G	52	MS	US	45	PS	UE	D	P	0	3	UH	3	2	O	10.00	6.30	CLASS 4	48	172	71	16.22	0.41			
564	KAMATCHINATHAN	15	M	10	G	50	HS	US	40	PS	UE	C	P	2	5	UH	3	2	O	11.00	6.30	CLASS 4	54.5	176	71	17.59	0.40			
565	RONALD	15	M	10	G	45	D	S	34	HS	UE	E	P	1	4	UH	2	1	O	10.00	5.00	CLASS 3	35.9	159	61	14.20	0.38			
566	MANIKANDAN	15	M	10	G	40	IL	US	38	IL	UE	E	P	2	4	UH	3	2	O	11.00	6.30	CLASS 3	65	169	83	22.76	0.49		OBESE	OBESE
567	BALAKUMAR	15	M	10	G	45	HS	US	42	MS	US	D	P	0	2	UH	2	3	O	9.00	6.00	CLASS 3	53.1	151	83	23.29	0.55		OBESE	OBESE
568	HARSHITHA	14	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	37	149	59	16.67	0.40			
569	GAYATHRI	15	F	11	P	39	D	P	36	HS	UE	E	P	0	3	UH	1	0	O	11.00	5.00	CLASS 2	54	155	65	22.48	0.42			
570	MATHU	15	F	11	P	47	HS	F	45	HS	UE	G	P	0	3	H	1	1	O	10.30	5.00	CLASS 1	53	159	63	20.96	0.40			
571	MONISHWARI	15	F	11	P	47	HS	F	42	HS	UE	D	P	1	4	H	1	0	O	10.30	4.30	CLASS 3	54	149	61	24.32	0.41			
572	KANISHKA	15	F	11	P	43	D	P	39	D	P	F	P	1	4	H	2	1	O	9.00	4.30	CLASS 2	40	153	58	17.09	0.38			
573	SUMITHRA	15	F	11	P	49	HS	F	39	HS	F	G	P	1	6	H	1	2	O	10.00	4.30	CLASS 3	60	166	65	21.77	0.39			
574	MALINE	15	F	11	P	44	D	P	38	D	P	G	P	0	3	UH	3	0	O	10.30	4.30	CLASS 1	49	159	60	19.38	0.38			

575	ANUSHIYA	15	F	11	P	46	D	P	37	HS	F	G	P	1	4	UH	0	0	O	10.30	4.30	CLASS 1	44	150	68	19.56	0.45			
576	DEVADARSHINI	15	F	11	P	50	PHS	F	44	PHS	F	G	P	0	3	H	2	2	I	9.30	6.00	CLASS 2	42	149	65	18.92	0.44			
577	SNEHA SREE	15	F	11	P	50	D	P	46	D	UE	G	P	1	4	UH	1	1	O	11.30	6.00	CLASS 2	40	150	57	17.78	0.38			
578	JAYASRI	15	F	11	P	42	HS	F	38	HS	F	G	P	1	4	UH	0	0	O	11.00	4.30	CLASS 3	48	154	60	20.24	0.39			
579	PRIYADARSHII	15	F	11	P	42	D	F	36	D	UE	G	P	1	4	UH	1	2	O	9.30	5.00	CLASS 2	45	148	65	20.54	0.44			
580	ADITHI	15	F	11	P	50	D	F	42	D	F	G	P	1	4	UH	3	2	I	11.00	7.00	CLASS 2	60	150	78	26.67	0.52	OBESE	OBESE	OBESE
581	NITHI NANDHA	15	F	11	P	50	D	F	38	D	F	G	P	1	4	UH	0	0	I	11.00	7.00	CLASS 2	61	152	79	26.40	0.52	OBESE	OBESE	OBESE
582	ANITHA	15	F	11	P	42	HS	F	34	HS	UE	G	P	1	4	H	3	2	O	11.00	5.30	CLASS 2	42	156	65	17.26	0.42			
583	DEEPALAKSHMI	15	F	11	P	42	PS	F	37	MS	UE	G	P	1	4	UH	3	1	O	10.30	4.00	CLASS 2	44	149	68	19.82	0.46			
584	PRADHARSANA	15	F	11	P	48	PG	F	39	PG	UE	G	P	1	4	UH	2	2	I	10.00	5.00	CLASS 3	44	162	65	16.77	0.40			
585	MADHUVATHANA	15	F	11	P	50	D	F	49	D	P	G	P	1	4	UH	4	3	I	10.30	5.30	CLASS 2	63	155	78	26.22	0.50	OBESE	OBESE	OBESE
586	KAVYA	15	F	11	P	44	HS	F	34	PHS	UE	G	P	1	4	H	0	0	O	10.00	4.00	CLASS 3	38	152	64	16.45	0.42			
587	ISWARIYA	15	F	11	P	42	HS	S	36	PHS	UE	F	P	1	4	UH	1	2	O	10.00	4.30	CLASS 3	45	152	70	19.48	0.46			
588	SAMRAKSHANA	15	F	11	P	40	D	F	39	D	P	G	P	1	6	H	0	0	O	10.00	5.30	CLASS 2	40	152	65	17.31	0.43			
589	SRUTHI	15	F	11	P	48	HS	S	45	HS	UE	F	P	0	3	UH	2	1	I	10.30	6.30	CLASS 3	60	154	78	25.30	0.51		OBESE	
590	ADHARSHINI	15	F	11	P	46	D	F	43	PG	UE	G	P	1	4	H	1	0	O	10.30	5.30	CLASS 2	56	160	68	21.88	0.43			
591	SILAMBARASAN	15	M	11	P	43	MS	S	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	42	160	63	16.41	0.39			
592	KARTHIK	15	M	11	P	58	PHS	S	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 3	40	157	57	16.23	0.36			
593	MAHESH	15	M	11	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	40	155	56	16.65	0.36			
594	NIKILAN	15	M	11	P	40	HS	S	35	D	UE	D	P	1	4	UH	4	2	I	11.00	7.00	CLASS 3	45	155	65	18.73	0.42			
595	KARNAN	15	M	11	P	38	HS	US	36	HS	UE	C	P	1	4	UH	4	1	O	8.00	5.00	CLASS 4	36	147	58	16.66	0.39			
596	RAJKUMAR	15	M	11	P	39	PS	F	29	HS	UE	C	P	2	5	UH	2	1	O	9.00	5.00	CLASS 3	40	155	65	16.65	0.42			
597	CHANDRU	15	M	11	P	42	PHS	S	38	HS	UE	D	P	1	8	UH	2	0	O	9.30	6.00	CLASS 3	38	145	59	18.07	0.41			
598	THARUN	15	M	11	P	38	MS	S	35	HS	UE	B	P	1	4	H	2	0	I	10.00	7.00	CLASS 2	38	145	54	18.07	0.37			
599	SANTHOSH	15	M	11	P	40	MS	F	35	PS	UE	F	P	2	5	UH	3	1	O	9.00	6.00	CLASS 3	65	160	82	25.39	0.51		OBESE	OBESE
600	SHRI GANESH	15	M	11	P	45	PHS	F	35	PHS	UE	G	P	1	4	UH	5	3	O	11.30	6.00	CLASS 2	45	150	58	20.00	0.39			
601	NIRANJAN	15	M	11	P	42	HS	F	38	D	UE	G	P	0	3	UH	6	3	O	11.00	6.00	CLASS 2	40	157	57	16.23	0.36			
602	ADITHYA	15	M	11	P	41	P	F	39	PHS	UE	F	P	1	4	UH	5	0	I	10.30	6.30	CLASS 2	40	155	56	16.65	0.36			
603	ANIRUDTH	15	M	11	P	48	P	F	42	HS	UE	D	P	1	4	UH	6	3	I	10.00	6.30	CLASS 2	45	155	65	18.73	0.42			
604	MANIKANDAN	15	M	11	P	44	D	P	42	D	UE	G	P	1	4	UH	3	1	O	11.30	6.00	CLASS 1	40	147	58	18.51	0.39			
605	PRABHU	15	M	11	P	43	MS	P	33	MS	UE	C	P	2	6	UH	3	1	I	9.00	6.45	CLASS 2	45	140	79	22.96	0.56		OBESE	OBESE
606	DINESH	15	M	11	P	42	PHS	F	40	HS	F	E	P	1	5	UH	2	1	I	10.00	6.45	CLASS 2	42	138	79	22.05	0.57		OBESE	OBESE
607	BALASUBRAMANIAM	15	M	11	P	39	D	P	36	HS	UE	E	P	0	3	UH	1	0	O	11.00	5.00	CLASS 2	50	169	60	17.51	0.36			
608	UDHYAKUMAR	15	M	11	P	48	HS	F	45	HS	UE	G	P	0	3	H	1	1	O	10.30	5.00	CLASS 1	41	140	51	20.92	0.36			

609	RAVI	15	M	11	P	50	HS	F	42	HS	UE	D	P	1	4	H	1	0	O	11.00	7.00	CLASS 3	40	175	70	13.06	0.40			
610	JOSEPH	15	M	11	P	43	D	P	41	D	P	F	P	1	4	H	2	1	O	10.30	6.30	CLASS 2	45	156	61	18.49	0.39			
611	SENTHIL	15	M	11	P	49	HS	F	45	HS	F	G	P	1	6	H	1	2	O	10.00	6.00	CLASS 3	44	150	70	19.56	0.47			
612	ARUNKUMAR	15	M	11	P	44	D	P	40	D	P	G	P	0	3	UH	3	0	O	10.30	6.30	CLASS 1	50	147	68	23.14	0.46			
613	RAMKUMAR	11	M	7	P	42	MS	SH	31	HS	S	C	P	1	4	UH	4	1	I	10.00	4.00	CLASS 3	48	146	73	22.52	0.50	OBESE	OBESE	OBESE
614	PRAVEEN	11	M	7	P	42	MS	F	31	HS	F	C	P	1	4	UH	4	1	O	10.00	4.00	CLASS 2	38	145	62	18.07	0.43			
615	NITHIN	11	M	7	P	54	MS	UE	40	PS	S	C	P	1	4	H	2	1	O	9.50	6.50	CLASS 3	35	143	61	17.12	0.43			
616	MUSTHAFFA	11	M	7	P	42	MS	S	33	HS	F	B	P		3	UH	2	1	O	9.50	6.50	CLASS 3	37	144	63	17.84	0.44			
617	VARUN	11	M	7	P	41	HS	SS	34	MS	F	C	P	1	4	UH	3	3	I	8.50	5.50	CLASS 2	48	154	71	20.24	0.46		OBESE	
618	NIKILESH	11	M	7	P	34	MS	S	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 3	40	150	67	17.78	0.45			
619	BALAJI	11	M	7	P	41	D	P	30	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	44	151	66	19.30	0.44			
620	TRILOK	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	I	8.50	5.00	CLASS 3	50	155	69	20.81	0.45		OBESE	
621	PRASANNA	11	M	7	P	37	MS	S	35	HS	UE	B	P	2	7	UH	2	1	O	9.50	6.00	CLASS 3	36	145	62	17.12	0.43			
622	KAVIN	11	M	7	P	35	MS	F	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 2	35	145	61	16.65	0.42			
623	HEMESH	11	M	7	P	40	D	P	32	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	40	150	66	17.78	0.44			
624	KRISHNA	11	M	7	P	46	MS	US	32	MS	UE	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 3	33	139	59	17.08	0.42			
625	SRIRAM	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	O	8.50	5.00	CLASS 3	30	138	57	15.75	0.41			
626	ARUN	11	M	7	P	45	D	P	35	D	S	D	P	1	4	UH	2.5	1	I	10.00	5.50	CLASS 2	40	140	71	20.41	0.51		OBESE	OBESE
627	SKANTHA	11	M	7	P	43	PHS	SP	42	PHS	SP	E	P	1	4	UH	3.5	2	O	10.00	6.00	CLASS 2	34	142	60	16.86	0.42			
628	SANTHESH	11	M	7	P	39	PS	F	34	HS	UE	C	P	1	4	UH	6	1	O	11.30	7.00	CLASS 3	37	144	61	17.84	0.42			
629	PRANAV	11	M	7	P	43	MS	F	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	36	143	59	17.60	0.41			
630	ARSATH	11	M	7	P	58	PHS	P	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 2	40	147	67	18.51	0.46			
631	KANISHK	11	M	7	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	32	141	56	16.10	0.40			
632	SARRVESH	11	M	7	P	48	D	SH	45	PD	P	D	P	0	3	UH	4	2	I	10.00	6.00	CLASS 3	53	160	83	20.70	0.52		OBESE	OBESE
633	NAVIN	11	M	7	P	42	D	S	37	IL	UE	B	P	1	4	H	4	1	O	9.00	5.00	CLASS 3	43	150	67	19.11	0.45			
634	NAVEEN PRABHU	11	M	7	P	39	D	F	30	MS	UE	C	P	3	6	UH	2	1	O	9.00	6.00	CLASS 2	42	149	68	18.92	0.46			
635	SATHISH	11	M	7	P	42	D	S	38	MS	UE	C	P	1	4	UH	4	1	O	9.50	7.00	CLASS 3	45	155	63	18.73	0.41			
636	SASEENTHIRAN	11	M	7	P	45	MS	S	41	HS	UE	D	P	1	4	UH	3	1	O	12.00	7.00	CLASS 3	31	139	58	16.04	0.42			
637	SASITHARAN	11	M	7	P	36	PHS	S	32	HS	UE	C	P	1	4	UH	1	1	O	9.00	6.00	CLASS 2	39	152	68	16.88	0.45			
638	KESHAVAN	11	M	7	G	31	PHS	S	30	HS	UE	C	P	2	5	H	1	0	I	10.00	7.00	CLASS 3	30	138	57	15.75	0.41			
639	MANIKANDAN	11	M	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	26	133	52	14.70	0.39			
640	VASANTH	11	M	7	G	42	MS	F	34	MS	S	C	P	1	4	UH	3	2	O	11.00	6.00	CLASS 3	48	145	73	22.83	0.50	OBESE	OBESE	OBESE
641	JAYARAM	11	M	7	G	43	MS	S	32	PS	UE	B	P	3	4	UH	0.1	1	I	10.00	7.00	CLASS 4	35	143	62	17.12	0.43			
642	SARAVANAN	11	M	7	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	33	143	56	16.14	0.39			

643	ARUN	11	M	7	G	40	HS	S	32	HS	S	B	GP	1	4	H	1	1	O	9.30	7.00	CLASS 4	35	144	62	16.88	0.43			
644	KARTHIK	11	M	7	G	45	MS	UE	42	MS	US	B	P	1	4	UH	3	3	O	9.00	6.00	CLASS 4	32	141	54	16.10	0.38			
645	JEYA CHANDRAN	11	M	7	G	36	PS	S	35	IL	UE	B	P	2	5	H	2	1	O	10.00	8.00	CLASS 4	41	148	67	18.72	0.45			
646	SURYA	11	M	7	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	38	145	58	18.07	0.40			
647	NIRMAL	11	M	7	G	42	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	25	132	55	14.35	0.42			
648	SARATHKUMAR	11	M	7	G	42	MS	S	31	PS	US	C	P	2	5	H	2	0	I	10.00	9.00	CLASS 3	37	146	62	17.36	0.42			
649	MURALI	11	M	7	G	34	MS	S	36	MS	S	B	P	1	4	UH	2	1	O	11.00	6.00	CLASS 3	44	150	69	19.56	0.46		OBESE	
650	CHANDRAN	11	M	7	G	40	MS	S	30	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	34	144	61	16.40	0.42			
651	AJITH	11	M	7	G	42	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	40	151	57	17.54	0.38			
652	VIJAY	11	M	7	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	28	137	56	14.92	0.41			
653	VIGNESWARAN	11	M	7	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	44	151	66	19.30	0.44			
654	HARI BASKAR	11	M	7	G	38	PS	S	32	MS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	35	145	50	16.65	0.34			
655	HARIHARAN	11	M	7	G	35	MS	S	30	MS	US	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 4	40	147	67	18.51	0.46			
656	GNAVEL	11	M	7	G	46	MS	S	36	HS	UE	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	45	148	70	20.54	0.47		OBESE	
657	IMANUEL	11	M	7	G	41	PS	S	43	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	42	151	66	18.42	0.44			
658	SABARISH	11	M	7	G	33	PHS	S	32	HS	UE	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	38	148	64	17.35	0.43			
659	PRADEEP	11	M	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	31	139	54	16.04	0.39			
660	SRIMAN	11	M	7	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	35	140	58	17.86	0.41			
661	PRASANTH	11	M	7	G	50	MPS	UE	49	PS	US	B	P	1	5	UH	1	1	O	10.00	6.00	CLASS 4	33	140	60	16.84	0.43			
662	JAYALAKSHMI	11	F	7	G	45	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	26	136	56	14.06	0.41			
663	SANGEETHA	11	F	7	G	47	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	31	139	55	16.04	0.40			
664	NEERJAHAN	11	F	7	G	42	PHS	S	37	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	32	148	57	14.61	0.39			
665	SABEENA	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	I	8.00	7.00	CLASS 3	51	145	72	24.26	0.50	OBESE	OBESE	OBESE
666	PARIMALA	11	F	7	G	38	PS	S	32	MS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	39	150	64	17.33	0.43			
667	SANDHYA	11	F	7	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	38	157	64	15.42	0.41			
668	RENUKA	11	F	7	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	34	143	61	16.63	0.43			
669	PRADEEPA	11	F	7	G	39	PHS	S	38	MS	UE	C	P	1	4	H	1	1	O	9.30	5.30	CLASS 3	45	156	63	18.49	0.40			
670	AARTHI	11	F	7	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	41	149	69	18.47	0.46		OBESE	
671	AMBIKA	11	F	7	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	44	144	65	21.22	0.45			
672	MALARKODI	11	F	7	G	37	PHS	S	30	HS	UE	C	P	1	5	H	2	1	O	8.00	6.00	CLASS 3	30	143	56	14.67	0.39			
673	MEENA	11	F	7	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	36	155	63	14.98	0.41			
674	TAMILARASI	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	UH	3	2	I	8.00	7.00	CLASS 3	60	163	79	22.58	0.48	OBESE	OBESE	
675	KAVITHA	11	F	7	G	45	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	32	138	59	16.80	0.43			
676	GAYATHRI	11	F	7	G	42	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	34	148	59	15.52	0.40			

677	INDHUMATHI	11	F	7	G	45	PHS	F	37	MS	US	B	P	1	4	H	2	0	O	10.00	6.00	CLASS 3	40	150	62	17.78	0.41			
678	PRIYADHARSHINI	11	F	7	G	38	HS	S	36	MS	S	C	P	2	5	UH	9	3	I	10.00	6.00	CLASS 3	40	144	73	19.29	0.51		OBESE	OBESE
679	BRINDHA	11	F	7	G	37	HS	S	36	HS	UE	C	P	1	5	UH	1	1	I	11.00	5.00	CLASS 3	36	136	60	19.46	0.44			
680	FATHEEMA	11	F	7	G	37	HS	US	33	PHS	UE	B	P	1	4	H	6	3	I	9.00	6.00	CLASS 4	40	148	64	18.26	0.43			
681	BRINDHADEVI	11	F	7	G	42	PS	S	40	HS	S	C	P	3	6	UH	1	1	I	9.00	4.00	CLASS 3	45	148	70	20.54	0.47		OBESE	
682	MELBHA	11	F	7	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	35	157	62	14.20	0.39			
683	JAYA	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	36	146	62	16.89	0.42			
684	ANUSHIYA	11	F	7	G	40	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	37	149	56	16.67	0.38			
685	BAKYALAKSHMI	11	F	7	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	35	141	62	17.60	0.44			
686	POOMATHI	11	F	7	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	45	158	63	18.03	0.40			
687	NITHYA	11	F	7	G	36	MS	US	35	MS	US	B	P	2	5	UH	12	3	I	9.00	6.00	CLASS 4	33	144	64	15.91	0.44			
688	ANITHA	11	F	7	G	36	MS	US	35	MS	US	C	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	35	158	62	14.02	0.39			
689	NANTHINI	11	F	7	G	40	IL	US	35	IL	US	B	P	2	5	UH	12	3	I	9.00	6.00	CLASS 4	42	150	71	18.67	0.47		OBESE	
690	DIVYA	11	F	7	G	34	MS	S	33	PHS	UE	C	P	1	4	H	2	1	O	8.30	6.00	CLASS 3	45	148	60	20.54	0.41			
691	AROKIYAMERI	11	F	7	G	40	MS	S	38	MS	UE	B	P	2	5	H	2	1	O	9.30	6.00	CLASS 3	35	144	56	16.88	0.39			
692	JAYANTHI	11	F	7	G	38	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	33	143	58	16.14	0.41			
693	POORNIMA	11	F	7	G	40	HS	US	35	MS	US	B	P	0	3	H	12	3	I	8.00	6.00	CLASS 4	44	159	62	17.40	0.39			
694	ABIRAMI	11	F	7	G	40	HS	S	32	HS	S	B	GP	1	4	UH	2	1	I	9.30	7.00	CLASS 4	43	149	74	19.37	0.50		OBESE	OBESE
695	VASANTHI	11	F	7	G	40	HS	S	32	HS	S	B	GP	1	4	H	1	1	O	9.30	7.00	CLASS 4	44	156	64	18.08	0.41			
696	SRUTHI	11	F	7	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	6	3	I	9.00	6.00	CLASS 4	36	160	62	14.06	0.39			
697	RADHIKA	11	F	7	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	39	151	61	17.10	0.40			
698	POONKOTHAI	11	F	7	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	45	156	64	18.49	0.41			
699	SIVAKAMI	11	F	7	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	6	2	I	9.00	6.00	CLASS 4	39	143	62	19.07	0.43			
700	REVATHI	11	F	7	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	40	155	59	16.65	0.38			
701	PRABHADEVI	11	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	40	152	64	17.31	0.42			
702	VIGNESWARI	11	F	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	I	10.00	6.00	CLASS 3	41	148	73	18.72	0.49		OBESE	
703	BANUPRIYA	11	F	7	G	42	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	35	156	63	14.38	0.40			
704	LAKSHMI	11	F	7	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	40	138	61	21.00	0.44			
705	SANTHI	11	F	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	38	149	63	17.12	0.42			
706	ISWARIYA	11	F	7	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	6	3	I	9.00	6.00	CLASS 4	37	155	64	15.40	0.41			
707	AYSHA	11	F	7	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	34	146	58	15.95	0.40			
708	LOGESWARI	11	F	7	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	46	157	65	18.66	0.41			
709	ANDAL	11	F	7	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	34	144	57	16.40	0.40			
710	MONISHA	11	F	7	G	43	MS	S	33	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	36	145	63	17.12	0.43			

711	RANI	11	F	7	G	39	MS	S	36	HS	S	C	P	1	4	UH	3	1	I	10.00	6.00	CLASS 3	48	147	75	22.21	0.51		OBESE	OBESE
712	DHARANI	11	F	7	P	40	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	31	138	59	16.28	0.43			
713	SHUBIKHPRIYA	11	F	7	P	40	PHS	S	35	MS	UE	C	P	1	4	UH	4	2	I	9.30	6.00	CLASS 3	51	148	74	23.28	0.50	OBESE	OBESE	OBESE
714	DEEPIKA	11	F	7	P	42	HS	F	38	MS	UE	D	P	1	6	H	0	0	O	10.00	4.30	CLASS 3	36	145	62	17.12	0.43			
715	ANUSHIYA	11	F	7	P	39	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 2	36	157	62	14.61	0.39			
716	DEEPA SREE	11	F	7	P	45	HS	F	40	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	46	146	65	21.58	0.45			
717	GAYATHRI	11	F	7	P	42	HS	F	40	D	UE	F	P	1	4	UH	3	1	I	10.00	6.30	CLASS 2	47	156	73	19.31	0.47		OBESE	
718	PREETHI	11	F	7	P	42	HS	F	31	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 2	33	139	59	17.08	0.42			
719	HARINI	11	F	7	P	52	HS	P	45	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	35	146	62	16.42	0.42			
720	SUDHARSHANA	11	F	7	P	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	44	156	64	18.08	0.41			
721	ISWARIYA	11	F	7	P	55	PHS	F	50	HS	UE	G	P	0	3	UH	6	2	I	10.30	7.00	CLASS 2	53	144	73	25.56	0.51	OBESE	OBESE	OBESE
722	SNEHA SREE	11	F	7	P	45	HS	F	43	D	UE	E	P	0	3	H	3	1	I	10.30	7.30	CLASS 2	45	143	74	22.01	0.52		OBESE	OBESE
723	RITHIKA	11	F	7	P	42	PHS	F	37	PHS	UE	E	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	37	147	64	17.12	0.44			
724	AKANIYA	11	F	7	P	41	D	F	35	D	UE	F	P	1	4	UH	0	0	I	10.30	4.00	CLASS 2	34	137	58	18.11	0.42			
725	SYAMVARTHINI	11	F	7	P	54	HS	S	49	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	39	158	64	15.62	0.41			
726	BRINDHASHREE	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	43	156	65	17.67	0.42			
727	DIVYA PRABHA	11	F	7	P	38	PHS	F	32	PHS	F	G	P	1	4	H	4	0	O	11.00	4.00	CLASS 2	46	157	65	18.66	0.41			
728	JAYSNEHA	11	F	7	P	55	HS	P	51	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	41	148	64	18.72	0.43			
729	KANISHKA	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	45	158	64	18.03	0.41			
730	KRITHIKA	11	F	7	P	44	HS	F	34	PHS	UE	G	P	1	4	H	0	0	I	10.00	6.00	CLASS 3	48	150	70	21.33	0.47		OBESE	
731	SAVEETHA	11	F	7	P	42	HS	S	36	PHS	F	F	P	1	4	UH	1	2	I	10.00	6.15	CLASS 3	44	147	75	20.36	0.51		OBESE	OBESE
732	SRIHARINI	11	F	7	P	40	D	F	37	D	P	G	P	1	6	H	0	0	O	10.00	5.30	CLASS 2	38	154	63	16.02	0.41			
733	SANGAMITHRA	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	45	157	63	18.26	0.40			
734	SANGAVI	11	F	7	P	40	PHS	F	36	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	40	147	64	18.51	0.44			
735	SHOBIKA	11	F	7	P	38	D	F	35	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	44	157	63	17.85	0.40			
736	PREETHI	11	F	7	P	41	PHS	F	30	HS	UE	F	P	1	4	UH	0	2	1	11.30	6.00	CLASS 3	52	154	71	21.93	0.46		OBESE	
737	HARINI NIVETHA	11	F	7	P	48	D	P	43	PHS	UE	F	P	1	4	H	2	0	O	12.00	4.00	CLASS 2	36	156	62	14.79	0.40			
738	POOJA	11	F	7	P	57	D	P	54	HS	UE	F	P	0	3	H	0	0	I	11.30	5.00	CLASS 2	40	150	63	17.78	0.42			
739	PRITHVI	11	F	7	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	42	155	62	17.48	0.40			
740	SRUTHILAKSHMI	11	F	7	P	43	D	P	40	D	SP	G	P	0	3	H	2	1	I	9.00	6.45	CLASS 1	50	146	73	23.46	0.50	OBESE	OBESE	OBESE
741	JANANI	11	F	7	P	43	HS	P	36	HS	UE	F	P	1	4	H	2	1	I	9.30	5.00	CLASS 2	37	145	63	17.60	0.43			
742	SWETHA	11	F	7	P	38	D	F	36	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	38	146	61	17.83	0.42			
743	DURGA	11	F	7	P	43	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 1	42	146	65	19.70	0.45			
744	SHARMILA	11	F	7	P	48	HS	S	45	PHS	UE	D	P	1	4	H	3	1	O	10.00	4.45	CLASS 2	42	156	62	17.26	0.40			

745	SHUBIKSHA	11	F	7	P	48	PHS	S	43	PHS	-	F	P	1	3	H	3	2	I	11.00	5.30	CLASS 3	42	148	70	19.17	0.47		OBESE	
746	SUJI	11	F	7	P	53	HS	P	47	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	45	156	64	18.49	0.41			
747	DEEPA	11	F	7	P	48	D	P	43	HS	UE	F	P	1	4	UH	2	1	O	12.00	4.30	CLASS 2	36	145	62	17.12	0.43			
748	DIVYA	11	F	7	P	50	D	F	41	PHS	UE	G	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	37	147	64	17.12	0.44			
749	MANISHA	11	F	7	P	50	D	F	42	D	SP	G	P	1	4	UH	0	0	O	11.30	5.00	CLASS 2	45	154	66	18.97	0.43			
750	HASMA	11	F	7	P	39	PHS	P	36	D	UE	G	P	1	4	H	4	1	O	10.30	4.00	CLASS 2	46	150	65	20.44	0.43			
751	AYSHA SAHANI	11	F	7	P	45	HS	P	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	35	156	61	14.38	0.39			
752	VEDHA	11	F	7	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	2	I	11.00	7.00	CLASS 2	49	152	71	21.21	0.47		OBESE	
753	ROSHIMI	11	F	7	P	42	D	P	37	D	UE	G	P	1	4	UH	2	2	O	10.00	5.00	CLASS 1	42	148	63	19.17	0.43			
754	NIKITHA	11	F	7	P	45	D	F	39	D	UE	G	G	1	5	UH	0	0	O	11.00	5.00	CLASS 2	33	140	61	16.84	0.44			
755	RESHMA	11	F	7	P	44	D	SP	42	D	UE	E	P	1	4	UH	1	1	O	11.00	4.00	CLASS 2	43	156	64	17.67	0.41			
756	ANJALIN	11	F	7	P	38	D	F	35	PHS	UE	G	P	0	3	UH	6	2	I	9.30	8.00	CLASS 2	50	146	73	23.46	0.50		OBESE	OBESE
757	GEETHANJALI	11	F	7	P	40	PHS	F	33	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	41	152	63	17.75	0.41			
758	SREYA	11	F	7	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	38	146	63	17.83	0.43			
759	SNEHA	11	F	7	P	40	PHS	F	38	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	46	159	64	18.20	0.40			
760	JANARAKSHA	11	F	7	P	40	PHS	F	35	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	60	150	76	26.67	0.51			
761	ABI NANDHANA	11	F	7	P	38	D	F	33	PHS	F	G	P	0	3	UH	6	2	I	9.30	8.00	CLASS 2	48	140	70	24.49	0.50	OBESE	OBESE	OBESE
762	HARISH	12	M	8	G	45	MS	F	42	MS	S	C	P	1	4	UH	3	2	O	11.00	6.00	CLASS 3	58	145	72	27.59	0.50	OBESE	OBESE	OBESE
763	ASHOKKUMAR	12	M	8	G	42	MS	S	36	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	33	143	59	16.14	0.41			
764	RAMACHANDRAN	12	M	8	G	48	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	40	149	65	18.02	0.44			
765	PREMNATH	12	M	8	G	43	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	43	154	64	18.13	0.42			
766	DHANAPAL	12	M	8	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	39	147	64	18.05	0.44			
767	GOBINATH	12	M	8	G	40	PS	S	33	PS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	44	156	66	18.08	0.42			
768	GOWTHAM	12	M	8	G	38	MS	S	32	MS	US	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 3	35	146	58	16.42	0.40			
769	GURUSAMY	12	M	8	G	39	D	F	35	MS	F	C	P	2	5	UH	3	2	2	10.30	6.30	CLASS 3	46	153	73	19.65	0.48		OBESE	
770	SEKAR	12	M	8	G	45	MS	SS	36	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	49	158	68	19.63	0.43			
771	VENKATESH	12	M	8	G	47	D	S	40	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	48	154	69	20.24	0.45			
772	BHARATHI	12	M	8	G	41	HS	S	38	PS	SS	B	P	1	4	UH	2	2	I	11.00	7.00	CLASS 4	49	157	74	19.88	0.47		OBESE	
773	RAJKUMAR	12	M	8	G	43	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	41	153	63	17.51	0.41			
774	MATHIAZHAGAN	12	M	8	G	44	PS	S	39	PS	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	42	153	65	17.94	0.42			
775	BOOPATHI	12	M	8	G	45	PS	UE	41	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	34	145	58	16.17	0.40			
776	ANDANI	12	M	8	G	48	PS	S	43	MS	S	B	P	2	4	H	3	2	O	10.00	4.30	CLASS 3	45	156	69	18.49	0.44			
777	PRABHAKARAN	12	M	8	G	36	PS	S	35	PS	UE	B	P	2	5	H	2	1	O	10.00	8.00	CLASS 4	48	156	68	19.72	0.44			
778	SARAVANAKUMAR	12	M	8	G	38	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	34	145	59	16.17	0.41			

779	PRAMESHWARI	12	F	8	G	42	PS	S	40	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	35	143	61	17.12	0.43			
780	ANANTHI	12	F	8	G	35	PHS	S	32	HS	S	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	39	146	64	18.30	0.44			
781	POTKODI	12	F	8	G	43	HS	S	38	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	40	147	66	18.51	0.45			
782	POOVINA	12	F	8	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	47	154	70	19.82	0.45			
783	GOMATHI	12	F	8	G	50	MPS	UE	47	PS	US	S	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	49	157	70	19.88	0.45			
784	CHITHRA	12	F	8	G	48	MS	S	45	PS	F	B	P	1	4	UH	5	3	I	11.30	6.30	CLASS 4	55	150	75	24.44	0.50	OBESE	OBESE	OBESE
785	KASTHURI	12	F	8	G	46	D	S	42	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	46	153	72	19.65	0.47		OBESE	
786	NIRMALA	12	F	8	G	43	PHS	S	40	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	46	160	63	17.97	0.39			
787	RADHAMANI	12	F	8	G	48	MPS	P	41	PS	US	C	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	43	146	60	20.17	0.41			
788	NIKILA	12	F	8	G	37	HS	S	31	HS	S	C	P	0	5	UH	1	1	I	9.45	7.00	CLASS 3	38	149	63	17.12	0.42			
789	KALPANA	12	F	8	G	39	PS	S	33	MS	S	B	P	1	3	H	3	2	I	10.00	6.30	CLASS 4	48	146	74	22.52	0.51		OBESE	OBESE
790	SHINY	12	F	8	G	40	MS	S	38	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	43	150	66	19.11	0.44			
791	SANJANA	12	F	8	G	37	D	P	35	PHS	S	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	40	163	64	15.06	0.39			
792	KAVITHA	12	F	8	G	39	PHS	S	38	MS	S	C	P	1	4	H	1	1	O	9.30	5.30	CLASS 3	33	142	60	16.37	0.42			
793	MALATHI	12	F	8	G	38	MS	S	35	MS	UE	C	P	0	3	UH	2	1	I	9.30	6.00	CLASS 3	47	154	69	19.82	0.45			
794	SATHYA	12	F	8	G	49	MPS	S	47	PS	US	S	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	43	155	62	17.90	0.40			
795	INDRANI	12	F	8	G	38	PHS	US	35	MS	US	B	P	1	6	UH	4.3	2	I	10.00	7.00	CLASS 4	56	147	74	25.92	0.50	OBESE	OBESE	OBESE
796	MARRISH	12	F	8	G	37	PS	US	35	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	41	148	67	18.72	0.45			
797	GEETHARANI	12	F	8	G	33	PS	US	32	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	45	155	68	18.73	0.44			
798	KALYANI	12	F	8	G	40	MS	US	35	MHS	UE	B	P	1	6	UH	4	2	I	11.00	7.00	CLASS 4	50	154	73	21.08	0.47		OBESE	
799	GEETHAMANI	12	F	8	G	36	MS	S	33	HS	S	C	P	1	4	H	0	0	O	9.00	6.00	CLASS 3	45	155	68	18.73	0.44			
800	RAJAMANI	12	F	8	G	37	PHS	S	35	HS	S	B	P	2	5	H	0	0	I	11.00	6.00	CLASS 3	41	148	67	18.72	0.45			
801	RAJESWARI	12	F	8	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	41	144	61	19.77	0.42			
802	RASHITHA	12	F	8	G	45	MS	US	41	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	47	154	70	19.82	0.45			
803	RAMYA	12	F	8	G	45	HS	F	44	PS	UE	C	P	1	4	UH	1	1	I	10.00	6.30	CLASS 3	42	149	65	18.92	0.44			
804	RAGAVI	12	F	8	G	42	PHS	S	39	HS	S	C	P	1	4	UH	2	1	I	10.15	6.45	CLASS 3	44	151	70	19.30	0.46			
805	SINSHYA	12	F	8	G	50	HS	S	45	HS	UE	C	P	1	7	UH	1	1	I	11.00	5.00	CLASS 3	43	154	66	18.13	0.43			
806	STEFI	12	F	8	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	5	2	I	10.30	6.00	CLASS 4	49	155	73	20.40	0.47		OBESE	
807	SHOBANA	12	F	8	G	45	D	S	35	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 4	43	155	66	17.90	0.43			
808	AMBIKA	12	F	8	G	40	PHS	S	38	MS	S	C	P	1	4	UH	1	1	I	9.30	5.30	CLASS 3	42	149	68	18.92	0.46			
809	BHUVANESHWARI	12	F	8	G	42	PHS	F	37	HS	S	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	34	142	59	16.86	0.42			
810	AMUTHA	12	F	8	G	37	HS	SS	36	PHS	UE	B	P	1	5	UH	2	1	I	11.00	4.00	CLASS4	47	154	69	19.82	0.45			
811	DEVIPRIYA	12	F	8	G	37	PHS	S	32	HS	UE	C	P	1	5	UH	2	1	I	8.00	6.00	CLASS 3	45	156	68	18.49	0.44			
812	POONGAVANAM	12	F	8	G	51	MS	US	48	MS	US	B	P	1	6	UH	3	1	O	9.00	6.00	CLASS 4	40	152	67	17.31	0.44			

813	PRATHIKSHA	12	F	8	G	36	MS	US	34	MS	US	C	P	2	5	UH	4	1	I	11.00	6.45	CLASS 4	44	154	72	18.55	0.47		OBESE	
814	POORVIKA	12	F	8	G	60	IL	US	52	IL	US	B	P	2	5	UH	2	1	O	9.00	6.00	CLASS 4	42	155	64	17.48	0.41			
815	KEERTHANA	12	F	8	G	34	MS	S	33	PHS	S	C	P	1	4	UH	2	1	O	8.30	6.00	CLASS 3	45	156	70	18.49	0.45			
816	MADHUMITHA	12	F	8	G	40	MS	S	38	MS	UE	B	P	2	5	UH	2	1	O	9.30	6.00	CLASS 3	47	155	69	19.56	0.45			
817	MANJULA	12	F	8	G	38	PHS	S	37	PHS	S	C	P	1	5	UH	3	1	I	11.00	6.30	CLASS 3	48	146	74	22.52	0.51		OBESE	OBESE
818	NADHIYA	12	F	8	G	40	PHS	S	38	MS	S	C	P	1	4	UH	1	1	I	9.30	5.30	CLASS 3	32	141	58	16.10	0.41			
819	AMURTHAVARSHINI	12	F	8	P	38	HS	F	36	PHS	UE	F	P	0	3	UH	3	2	I	9.30	6.30	CLASS 2	60	153	76	25.63	0.50	OBESE	OBESE	OBESE
820	MONIKA	12	F	8	P	41	PHS	F	37	PHS	UE	E	P	1	4	UH	2	2	I	10.30	6.00	CLASS 2	46	153	72	19.65	0.47		OBESE	
821	SREEDEVI	12	F	8	P	40	D	F	35	D	UE	F	P	1	4	UH	0	0	I	10.30	4.00	CLASS 2	38	146	65	17.83	0.45			
822	HEMALATHA	12	F	8	P	48	HS	S	43	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	47	154	70	19.82	0.45			
823	SANDHYA	12	F	8	P	37	D	F	35	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	35	141	61	17.60	0.43			
824	NEERAJA	12	F	8	P	35	PHS	F	32	PHS	F	G	P	1	4	H	4	0	O	11.00	4.00	CLASS 2	45	155	68	18.73	0.44			
825	SREEJA	12	F	8	P	45	HS	P	42	D	UE	F	P	0	3	UH	6	2	I	11.00	7.00	CLASS 2	58	155	79	24.14	0.51	OBESE	OBESE	OBESE
826	SASHMITHA	12	F	8	P	38	D	F	36	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	47	154	68	19.82	0.44			
827	SUJITHA	12	F	8	P	45	PHS	F	37	PHS	UE	G	P	1	4	H	5	3	O	11.30	6.00	CLASS 2	37	144	66	17.84	0.46			
828	INDHUMATHI	12	F	8	P	42	HS	F	38	D	UE	G	P	0	3	UH	6	3	O	11.00	5.30	CLASS 2	43	152	66	18.61	0.43			
829	SIVARANJANI	12	F	8	P	41	P	F	39	PHS	F	F	P	1	4	UH	5	2	I	10.30	7.00	CLASS 2	49	156	73	20.13	0.47		OBESE	
830	NIVEETHITHA	12	F	8	P	42	P	F	40	HS	UE	D	P	1	4	H	6	3	I	10.00	6.30	CLASS 2	45	155	69	18.73	0.45			
831	YAMINI	12	F	8	P	44	D	P	40	D	UE	G	P	1	4	H	3	1	O	11.30	6.00	CLASS 1	46	157	68	18.66	0.43			
832	DHANALAKSHMI	12	F	8	P	45	D	F	43	D	F	F	P	1	5	UH	3	1	I	11.00	7.00	CLASS 2	44	142	72	21.82	0.51		OBESE	OBESE
833	DHAKSHAWA SHREE	12	F	8	P	41	HS	F	38	HS	UE	G	P	1	4	UH	2	1	O	11.30	5.30	CLASS 3	42	153	67	17.94	0.44			
834	HEMA SHREE	12	F	8	P	39	HS	F	36	PHS	UE	H	P	1	4	H	1	0	O	9.30	5.00	CLASS 2	34	144	60	16.40	0.42			
835	KARUNYA	12	F	8	P	38	D	F	34	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	46	157	66	18.66	0.42			
836	MADHUMITHA	12	F	8	P	48	P	P	45	D	P	F	P	0	3	UH	6	2	I	11.00	7.00	CLASS 2	48	156	72	19.72	0.46		OBESE	
837	RANJANI	12	F	8	P	54	HS	S	49	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	43	155	68	17.90	0.44			
838	SUSHMITHA	12	F	8	P	43	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 1	36	148	63	16.44	0.43			
839	SAVENYA	12	F	8	P	45	HS	F	40	PHS	UE	D	P	1	4	H	3	1	O	10.00	4.45	CLASS 2	44	154	67	18.55	0.44			
840	SHRUTHI	12	F	8	P	40	PG	P	32	PG	P	G	P	1	4	UH	3	1	I	10.00	6.30	CLASS 1	56	150	76	24.89	0.51	OBESE	OBESE	OBESE
841	CHANDRIKA	12	F	8	P	45	HS	F	36	MS	UE	D	P	1	6	H	0	0	O	10.00	4.30	CLASS 3	42	149	69	18.92	0.46			
842	KARPAGA PRIYA	12	F	8	P	39	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS3	41	147	66	18.97	0.45			
843	INDHUMATHI	12	F	8	P	45	HS	F	41	PHS	UE	G	P	2	5	H	0	0	O	9.30	4.45	CLASS 2	32	143	59	15.65	0.41			
844	SUJITHA	12	F	8	P	42	HS	F	32	PHS	UE	F	P	1	4	UH	3	2	I	10.00	4.30	CLASS 2	42	150	66	18.67	0.44			
845	JAYASHREE	12	F	8	P	42	HS	F	31	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 3	39	150	62	17.33	0.41			
846	VISHALAKSHI	12	F	8	P	43	PHS	S	37	PHS	UE	F	P	2	6	H	1	1	O	10.00	5.00	CLASS 2	47	156	69	19.31	0.44			

847	HARINI	12	F	8	P	43	PHS	F	40	PHS	F	F	P	1	4	UH	3	1	I	10.00	7.00	CLASS 2	48	146	74	22.52	0.51		OBESE	OBESE
848	KARTHIKEYINI	12	F	8	P	37	D	F	33	D	F	F	P	1	4	H	3	2	I	10.00	6.30	CLASS 2	49	155	73	20.40	0.47		OBESE	
849	SUJITHRA	12	F	8	P	42	D	F	38	PHS	UE	F	P	1	4	UH	3	1	O	10.30	6.00	CLASS 2	40	153	65	17.09	0.42			
850	SUKITHA	12	F	8	P	46	HS	S	38	D	UE	C	P	1	4	H	1	1	O	10.30	5.30	CLASS 4	45	154	69	18.97	0.45			
851	JANANI	12	F	8	P	40	PHS	F	35	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	34	140	61	17.35	0.44			
852	PRAVEENA	12	F	8	P	37	D	F	33	D	F	F	P	1	4	H	1	1	O	10.00	4.00	CLASS 2	46	154	70	19.40	0.45			
853	LAKSHNA	12	F	8	P	41	HS	F	39	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	41	156	65	16.85	0.42			
854	ANANYA	12	F	8	P	42	D	P	39	PHS	UE	F	P	1	4	UH	2	1	I	10.30	6.45	CLASS 3	50	155	73	20.81	0.47		OBESE	
855	RATHI DEVI	12	F	8	P	42	HS	F	35	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 2	47	154	70	19.82	0.45			
856	RAGAVA SELVI	12	F	8	P	45	HS	P	40	D	PS	G	P	1	4	H	2	2	O	10.30	6.00	CLASS 2	40	146	66	18.77	0.45			
857	INDHRA	12	F	8	P	42	PHS	F	38	PHS	UE	G	P	1	4	H	4	2	I	10.30	6.30	CLASS 2	42	150	67	18.67	0.45			
858	AMIRTHA	12	F	8	P	42	PG	F	35	HS	S	G	P	0	3	UH	3	3	I	10.00	6.00	CLASS 2	44	154	72	18.55	0.47		OBESE	

A Dissertation on

STUDY OF PREVALENCE OF OBESITY IN 11 – 15 YEARS OF SCHOOL GOING CHILDREN

Dissertation submitted

In Partial Fulfillment of regulation for the award of

M.D. Degree in Pediatric Medicine

Branch - VII

COIMBATORE MEDICAL COLLEGE

COIMBATORE, April 2016

DECLARATION

I Declare that this dissertation entitled "**The Prevalence of Obesity in 11 – 15 Years of School Going Children**" has been conducted by me in Schools in Coimbatore District under the guidance and supervision of my guide Dr.V.Suganthi, M.D., DCH. It is submitted in part of fulfillment of the award of the degree of MD Pediatrics for the April 2016 examination to be held under The Tamilnadu Dr.M.G.R Medical University, Chennai. This has not been submitted previously by me for the award of any degree or diploma from any other university.

DATE :

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CERTIFICATE

Certified that this dissertation entitled " **Study Of Prevalence Of Obesity In 11 – 15 Years Of School Going Children"** is a bonafide work done by **Dr. A.Arunthathi M.D.,** Post graduate student of Pediatric Medicine, Coimbatore Medical College & Hospital, Coimbatore – 641018 during the academic year 2013 – 2016.

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Dissertation Topic : STUDY OF PREVALENCE OF OBESITY IN 11-15 YEARS OF SCHOOL GOING CHILDREN

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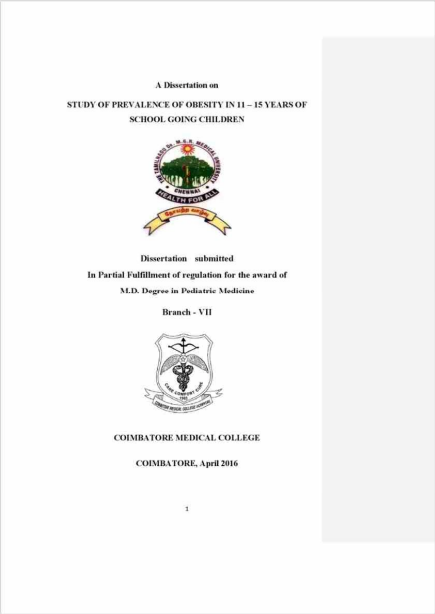

A Dissertation on

STUDY OF PREVALENCE OF OBESITY IN 11 – 15 YEARS OF SCHOOL GOING CHILDREN

Dissertation submitted
In Partial Fulfillment of regulation for the award of
M.D. Degree in Pediatric Medicine

Branch - VII

COIMBATORE MEDICAL COLLEGE

COIMBATORE, April 2016

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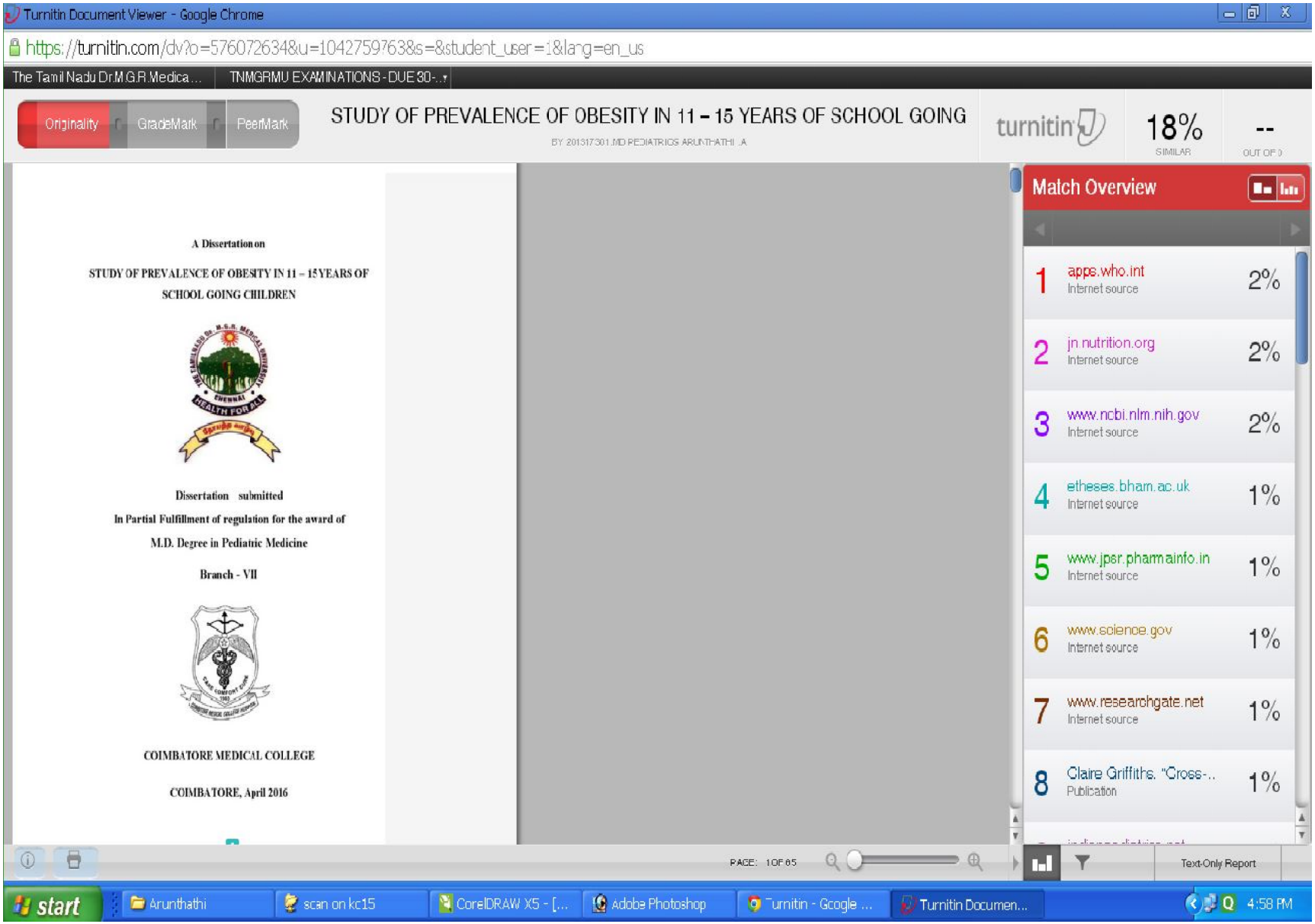
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DR. ARUNTHATHI

ABBREVIATION

WC	-	Waist Circumference
BMI	-	Body Mass Index
WHR	-	Waist Height Ratio
US	-	United State
UK	-	United Kingdom
NCD	-	Non Communicable Disease
NAFLD	-	Non Alcoholic Fatty Liver Disease
IOTF	-	International Obesity Task Force
WHO	-	World Health Organisation
CDC	-	Centre for disease control and prevention
CVD	-	Cardio Vascular Disease
SES	-	Socio Economic Status
NCHS	-	National Centre for Health Statistics

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INTRODUCTION

Childhood obesity is emerging as a serious public health problem of the 21st century[1]. Hence there is widespread concern in the increase of overweight and obesity especially in children in developed and developing countries as it is considered to be one of the precursors of adverse health effects occurring in adulthood. In both developed and developing countries the prevalence of obesity is increasing and hence has become a major health issue. In both US and UK, the prevalence of obesity in children has increased significantly to about 16 – 20% [2.]. Until the 1980s, the developing countries were with the lowest rates, but now it has gradually increased in children.

Data for both overweight and obesity prevalence among children in many countries in South Asia is available: 25.0% among children from 2 to 15 years in Bangladesh and 22.0% among children from 5 to 19 years in India. Moreover, secular trends indicate increasing prevalence rates in these countries: for example, 9.8 to 11.7% among children from 5 to 19 years in India during 2006–2009[3, 4,5]. In recent times, developing countries have also reported an increasing incidence of obesity.

Various studies have documented the prevalence of obesity in both children and adolescents to be 12 – 29% in different parts of India [6,7]. Recently, Kumar et al. in a study on preschool children from urban south

India have reported that 4.5% of the children were overweight while 1.4% of them were obese[8]. However, most of these studies are region-specific and have a smaller sample size. To investigate the trend in obesity in Indian children, it is necessary to assess a large sample representing different regions of India.

There is a great need for studying obesity in Indians because of the fact that there is an increase in type2 diabetes and coronary heart disease in Indian adults, especially in urban areas[9]. This epidemic has been attributed to a thrifty genotype which had helped survival in the past when there was scarce and irregular food supply, and has now led to obesity and insulin resistance in modern days where there is excess and regular food supply [10]. Recent studies have shown that Indians for a given BMI have a higher percentage of body fat when compared with other white Caucasians, Americans, and African Indians and in addition also have lower muscle mass [11]. Thus the risk of adult morbidity especially cardiovascular and mortality that might follow childhood-onset obesity is considerably high and is of great significance to public health. So it is important that policy makers are aware and have information about the prevalence and trend of obesity.

Childhood obesity is thus a serious medical condition that affects children and adolescents. It occurs when children are well above the normal weight and height for his or her age. It is particularly troubling because the

extra kilograms gained lead to health problems in children that were once confined to adults, such as diabetes, high blood pressure, psychological issues and high cholesterol. It can also lead to poor self-esteem and even depression[12]. One of the best ways to reduce obesity in children is to improve the diet and exercise habits of the entire family. Thus Treating and preventing obesity in children, protect the health of them now and also in the future[13].

Obesity is now emerging as a common nutritional disorder, particularly among the affluent, worldwide. Obesity may be described as a condition which is characterised by excessive fat deposition in the body. It usually results when food is consumed in excess of one's physiological needs[14].

Obesity in general is defined as the presence of excessive adipose tissue in the body to such an extent that it may lead to health hazards (Prenticeet al.2001;Rossner 2002). It is not a single disease but a heterogeneous group of conditions associated with multiple causes. Thus body weight is determined by interactions between genetic environmental, psychological factors which act through physiological mediators of energy intake and energy expenditure. Even in India, malnutrition had attracted the focus of health workers because childhood obesity in children is increasingly being observed due to the changing lifestyle of the families who have an increased purchasing power, increasing hours of inactivity because addiction

to television, computer and videogames which have replaced outdoor games and other available social activities (Singh and Sharma 2005)

Globally, it is estimated than 10 percent of school children of 5-17 are overweight/obese (Childhood Obesity-the Global Picture 2006). The prevalence of obesity in children has increased over the past few decades and its statistics are alarming. The prevalence and etiology behind childhood obesity may vary according to an individual's lifestyle and socio-economic status. Most of the reports with regards to childhood obesity are from studies conducted at metropolitan cities in India[15].

In this study, obesity in 11-15 years of school children in Coimbatore district is estimated using BMI, WC and WHR. By estimating obesity through waist circumference, central obesity which is a well known risk factor for cardiovascular disease in adults is identified. The risk factors which are associated with increase of obesity is also studied. In this study the prevalence of obesity in Coimbatore when compared with other cities and prevalence of obesity in males, females, private and government schools, and other associated risk factors is studied.

AIM OF THE STUDY

To estimate the prevalence of obesity using Body mass index, waist circumference and waist height ratio of urban school children in the age group of 11 –15 years.

OBJECTIVE

PRIMARY OBJECTIVE

To estimate the prevalence of obesity in 11-15yrs of urban school children using body mass index, waist circumference and waist height ratio.

SECONDARY OBJECTIVE

To identify the risk factors for developing obesity

To compare BMI, waist circumference and waist height ratio in estimating the prevalence of obesity

REVIEW OF LITERATURE

DEFINING CHILDHOOD OBESITY

Obesity is defined as excess adipose tissue in the body. Giving specific definition for obesity is difficult.[16.] According to IAP growth chart committee, BMI charts which are presented are based on methods used by IOTF[17]. The 23 and 27 cut offlines equivalent of adult overweight and obesity are much more appropriate for using in Asian children as Asians are predisposed to have more adiposity and also have increased risk for developing cardio metabolic problems at a lower BMI [18].

According to a study done in urban South Indian children aged 3-16 yrs by St.Johns National Academy Of Health Sciences, the 75th percentile of waist circumference is recommended to be used as an "action point" for Indian children to identify obesity until a large scale percentile data is available in India[19].

For the WHT ratio, the cut-off of 0.5 is recommended to identify obesity[20]. BMI is agreed to be used as a reliable indicator which correlates well with body fat estimation.

BMI : ESTIMATION IN CHILDREN

The use of BMI for defining overweight and obesity in children is more challenging than in adults as there is variation of BMI with age and sex[21], and its relationship to body fat is also unclear.

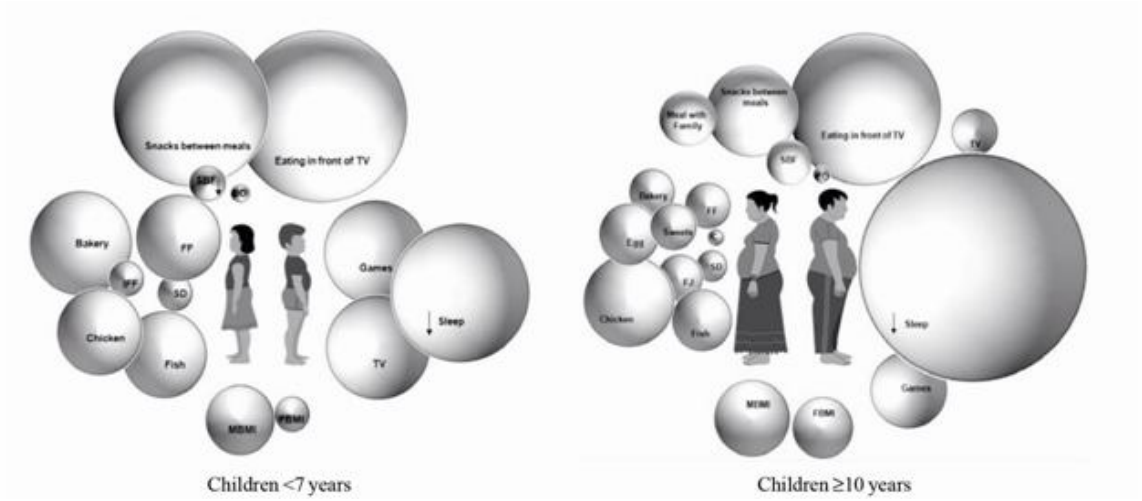
$$\text{BMI} = \frac{\text{WEIGHT IN KG}}{\text{HEIGHT IN M}^2}$$

It has also been suggested that the contributions of body fat and also fat free mass to BMI has changed over time, especially in children, thus resulting in an underestimation of the prevalence of obesity in epidemiological studies using only BMI[22,23.] Added to this, the association of BMI with later morbidity and mortality is also less clear in children when compared to adults in that there is no particular threshold of BMI above which children can be predicted to have an increased risk [24].

WAIST CIRCUMFERENCE IN CHILDREN:

To overcome the disadvantages of BMI, waist circumference can be used for estimation of obesity. WC correlates better with visceral adiposity in kids though it sometime increases because of subcutaneous fat deposition. There are many studies which show that waist circumference is a good predictor for CVD risk and other complications[25].

Figure : 1 Factors related to increasing waist circumference



WAIST HEIGHT RATIO IN CHILDREN:

WHR is also associated significantly for identifying obesity [26,27]. Some studies done in European and Asian children found the waist-to-height ratio to be superior to BMI in predicting the cardiovascular risks [28].

$$\text{WHR} = \frac{\text{WAIST CIRCUMFERENCE IN CM}}{\text{HEIGHT IN CM}}$$

Both the height and waist circumference increase continually in children as they age, the value of 0.50 was suggested to be an appropriate cut-off point for all age groups of children [29]. WHR is considered to be more sensitive than WC in different populations as it adjusts to different statures [96] and also because of the negative correlation of height and its association to certain metabolic risk factors [30]. The health risks for Asian children begin to increase even for smaller amounts of central fat and smaller waist

circumferences when compared with their European counterparts [31]. This explains the reason why there is a decrease in the WHR cut off used for Indian children.

The anthropometric indices which predict central obesity include WC, WHR and WAIST HIP RATIO. There are many studies which show these are associated with CVS and other metabolic diseases in children. In India measurement of waist circumference is not commonly practiced. Most of the studies based on central obesity and its indices and percentiles have been done in developed countries like Europe and US[32-35]. In Asia, especially in the Middle East and South East children WC percentile has been studied[36-38.] But in India especially in this part of the country data on this is scarce .This study estimates obesity in Coimbatore by using parameters like WC and WHR which predicts abdominal obesity when compared with BMI.

They are simple alternative measure and pediatric primary care practicians and use it for assessing central obesity[39].

CHILDHOOD OBESITY PREVALENCE:

THE GLOBAL PREVALENCE

The prevalence of obesity estimated across the world has increased in the last three decades and is now being recognized as a global threat to health[40,41,42] There could even be an underestimation because the availability and the

quality of prevalence estimates vary[43]. The prevalence of obesity in children is increasing rapidly worldwide[44]. We know that obesity is associated with several risk factors for later development of heart disease and other chronic diseases like hyperlipidaemia, hypertension, hyperinsulinaemia and early atherosclerosis[45,46]. The above said risk factors may operate through an association between child and development adult obesity and they may also act independently[47]. Worldwide, obesity trends are considered to be a serious public health concern because in many countries it is threatening the viability of the basic health care delivery system. Obesity is also an independent risk factor for the development of cardiovascular diseases and significantly increases both the risk of morbidity and mortality[48]. In the last two decades we have witnessed an increase in health care costs because of obesity and its related issues in both children and adolescents.

This has emerged as a global phenomenon which affects all socio-economic groups, irrespective of age, sex or ethnicity. Childhood obesity has thus become a serious public health challenge now and in the near future. Thus the prevalence of obesity is an upcoming major public health problem. Until the 1980s, the developing countries were with the lowest rates, but since then overweight and obesity prevalence have gradually increased in children. The global prevalence of overweight and obesity in children aged 5-17 years is 10% and this global average covers a wide range

of prevalence levels in different regions and countries with above 30% in America and below 2% in Sub Saharan Africa[49,50]. Further, projections in the year 2010 for estimated prevalence of overweight and obesity in school age children (aged 5-17 years) are at 46% in America and below 5% in Africa. For children between 5-17 years in this regional prevalence data on overweight and obesity are currently unavailable [51]. However, data for both overweight and obesity prevalence among children in different South Asia countries are available: 25.0% among children from 2 to 15 years in Bangladesh and 22.0% among children from 5 to 19 years in India. Moreover, secular trends indicate increasing prevalence rates in these countries: for example, 9.8 to 11.7% among children from 5 to 19 years in India during 2006–2009 [52]. In recent years, the increase in obesity has led this to become one of the major issues affecting the Indian health system.

Figure :2 Past and projected future overweight rates

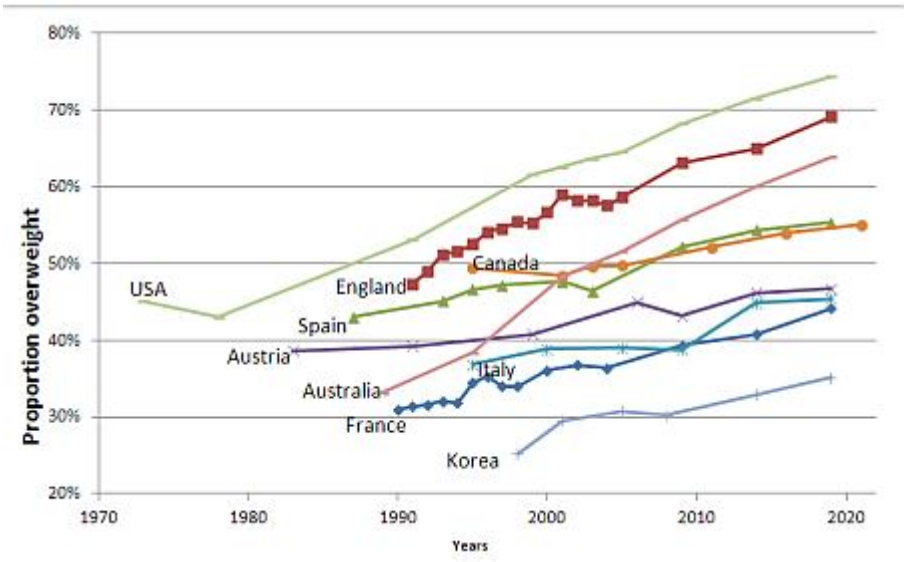
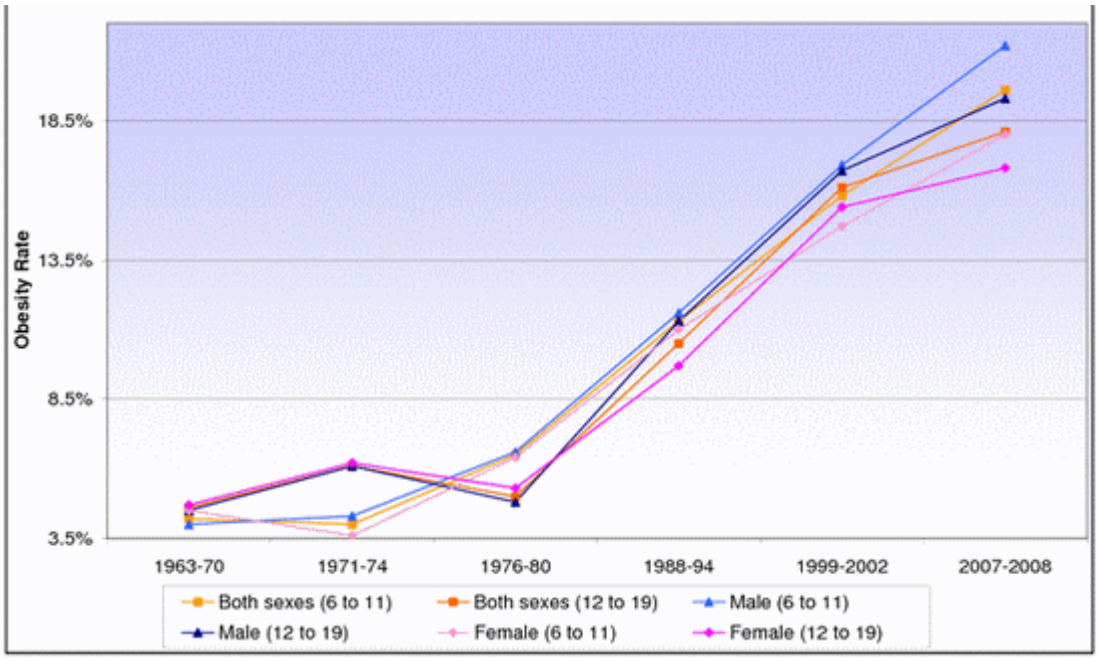


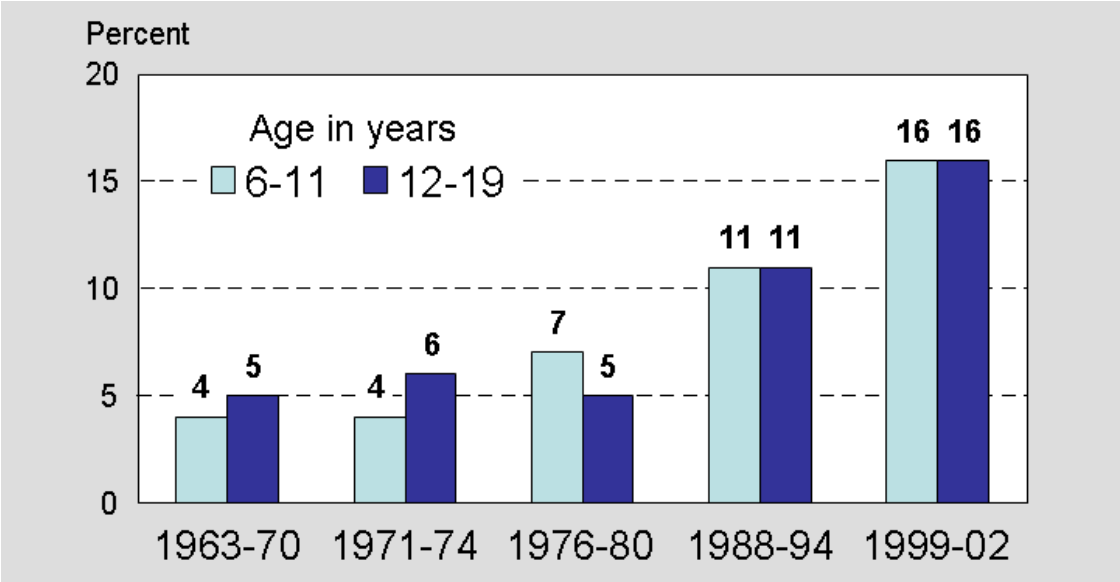
Figure : 3 Child Obesity Statistics



PREVALENCE IN INDIA:

Various studies have documented the prevalence of obesity in children and also in adolescents to be 12 – 29% from different parts of India [53,54]. Recently, Kumar et al. in a study on preschool children from urban south India have reported that 4.5% of children were overweight while 1.4% of children were obese.

Figure :4 Prevalence of Overweight among 6-19 Years



OBESITY IN CHILDREN AND SOCIO-ECONOMIC STATUS:

The relationship between obesity and socio-economic status (SES) rises across different population and is not consistent. In the developing world the increase in obesity in children is associated with increase in income and food availability and also when there is decrease income leading to unhealthy food practices and this shows a complex relationship between obesity and SES[55].

TRACKING OBESITY IN CHILDREN INTO ADULTHOOD:

Taken overall, the evidence based on research suggests that childhood obesity, which is established before adolescence, is a strong risk factor for development of adult obesity[56]. Hence we can logically conclude that preventing the development of obesity in childhood is essential and will have

a knock-on effect of reducing the risk of obesity in adulthood and obesity related other health consequences.

CHILDHOOD OBESITY AND ITS HEALTH CONSEQUENCES:

Obesity is associated with physical complications as described below and also psychological consequences[57].

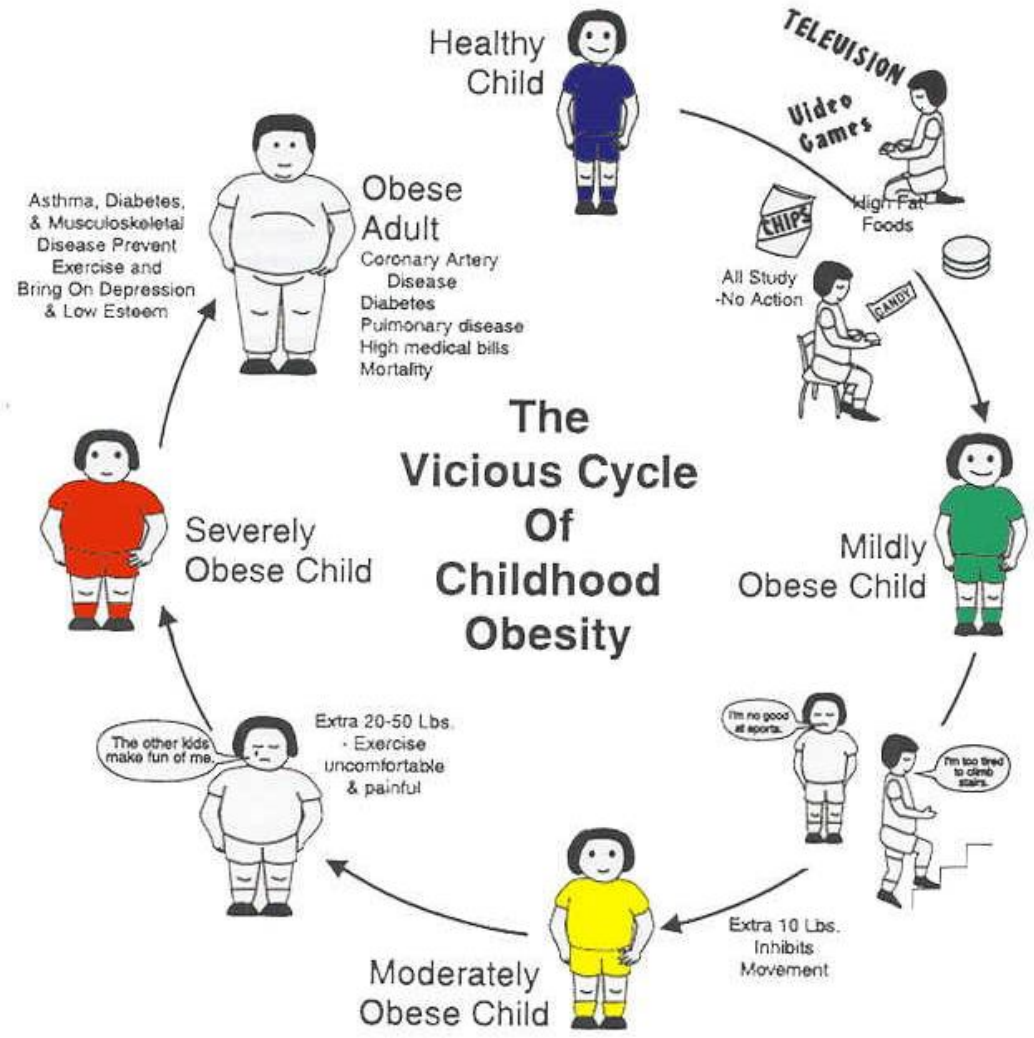
Table - 1 Physical health consequences of childhood overweight and obesity

Organ system	Condition
Cardiovascular	Hypertension Abnormal lipid profiles Atherosclerosis Left ventricular hypertrophy
Endocrine	Insulin resistance/abnormal glucose metabolism Type 2 diabetes Menstrual abnormalities Polycystic ovary syndrome
Gastroenterological	Nonalcoholic fatty liver disease Gastro-oesophageal reflux Gallstone development
Pulmonary	Asthma Sleep-associated breathing disorders
Orthopaedic	Slipped capital femoral epiphysis Genu valgum Tibia vara Flat feet Low back pain Scoliosis Osteoarthritis
Neurological	Idiopathic intracranial hypertension
Dermatological	Acanthosis nigricans

PSYCHO SOCIOLOGICAL STIGMA:

Many studies have found that children negatively stereotype overweight and obesity. Stigma such as criticism by parents, weight related teasing all lead to body dissatisfaction and poor self esteem[58].

Figure : 5 Vicious Cycle of Childhood Obesity



AETIOPATHOGENESIS OF CHILDHOOD OBESITY :

Aetiopathogenesis of obesity is multi-factorial and includes many factors like genetic, environmental, socio-cultural factors, neuroendocrine, metabolic and psychological[59].

There have been important developments and many factors which have evolved in controlling appetite like OrexinA, Ghrelin and other endogenous cannabinoids have been identified[60]. There is also a new concept called non exercise activity thermogeniens which provide us new perspectives on this energy expenditure. While adipose tissue is now being recognized as an important organ, by secreting leptin and other adipokines by which it communicates with brain and other peripheral tissues. Now adiponectin is considered to be a key hormone which is a protein factors released by white adipose tissues. Many cytokines and chemokines have been identified along with other inflammation related proteins as obesity also characterized by mild inflammation.

Leptin, a 16,000 MW cytokine-like protein, is a basic hormonal sign from adipocytes in the regulation of voracity and vitality parity, cooperating with a few hypothalamic orexigenic and anorexigenic pathways[61-64]. Consequently, the neuropeptide Y, melanin-concentrating hormone, orexin A, agouti-related peptide, and cannabinoid frameworks have each been accounted for to be repressed by leptin. Interestingly, the key anorexigenic

frameworks of master opiomelanocortin/ melanocortin, cocaine-and amphetamine-controlled transcript, and corticotrophin-discharging hormone are unregulated by the hormone. These different impacts of leptin result in a capable concealment of nourishment admission. Notwithstanding repressing admission, leptin assumes a part in the regulation of vitality use; a powerful illustration of this originates from overfeeding studies on typical and ob/ob mice. In one study, incline mice sustained a "cafeteria diet" gorged by 70% in vitality terms with no extra vitality affidavit; this is a capable outline of the quite faced off regarding marvel of eating regimen affected thermogenesis. Fortunately, in this specific study, the vitality admission of the incline mice bolstered the cafeteria eating regimen was the same as that of ob/ob mice sustained a standard lab diet[65].

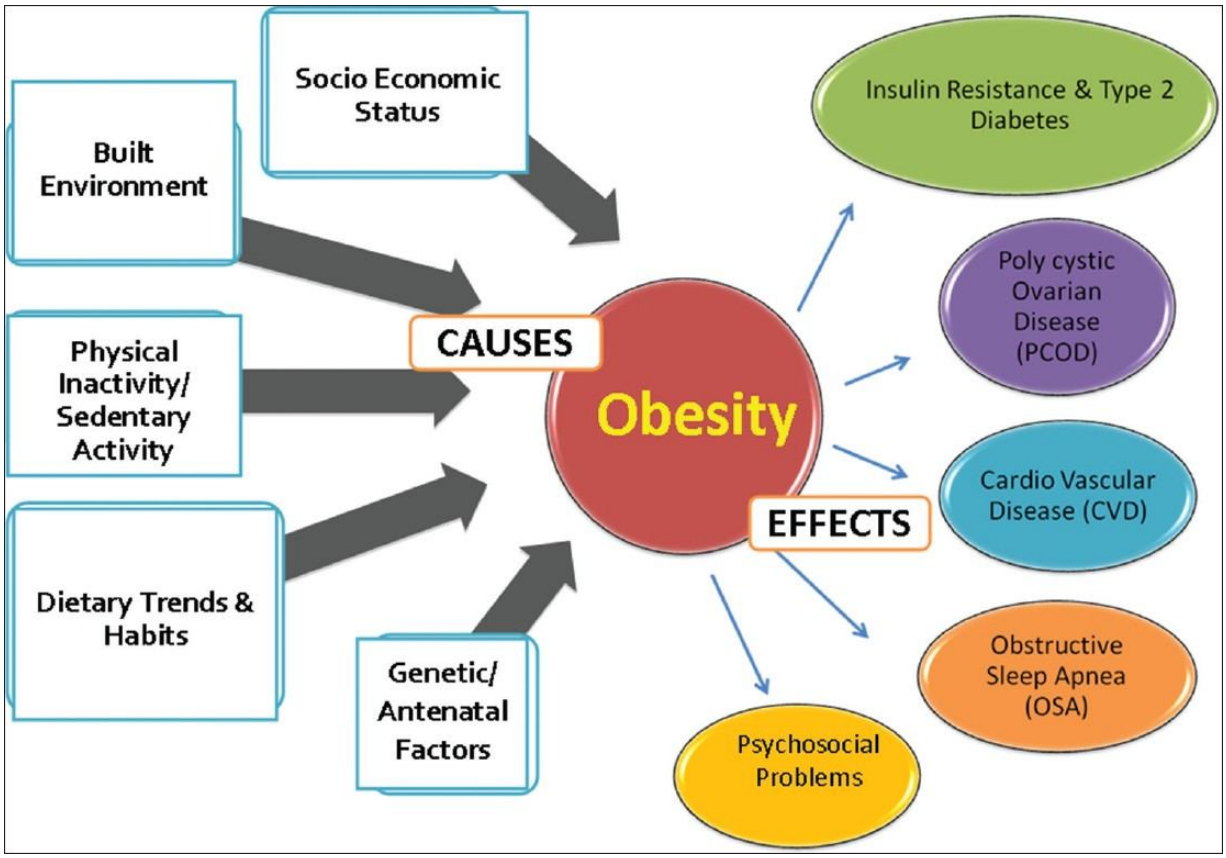
On the other hand, the rate of vitality testimony of the fat was 3 times that of the incline. In this manner, the ob/ob mutants lacking practical leptin had an enormously lessened limit for eating regimen incited thermogenesis. Adipokines, the ID of leptin prompted the acknowledgment that white fat is an imperative endocrine organ. For sure, it is currently obvious that white adipocytes emit a multiplicity of protein flags and variables termed adipokines. The differences of the adipokines are impressive, as far as both protein structure and capacity. The adipokines include established cytokines (e.g., TNF-cx, IL-6), chemokines (e.g., monocyte chemoattractant protein-1

[MCP-1]), proteins of the option complement framework (e.g., adipsin), and proteins included in vascular hemostasis (e.g., plasminogen activator inhibitor-1 [PAI-1]), the regulation of pulse (angiotensinogen), lipid digestion system (e.g., cholesteryl ester exchange protein, ret□inol tying protein), glucose homeostasis (e.g., adiponectin), and angiogenesis (e.g., vascular endothelial development variable [VEGF) typical LDL molecule.. Resistin is another hormone emitted by fat tissue, which brings about insulin resistance and weight related sort 11 diabetes. Leptin, the result of Ob quality has no part in the insulin resistance associated with heftiness. Heftiness does not come about because of a solitary element[66-68].

Social, behavioral and biologic variables control the vitality admission and consumption. Hereditary and hormonal elements add to individual weakness. It has been set up certain that an abdominal area fat conveyance presents a more prominent metabolic and wellbeing danger than a lower muscle to fat ratio dissemination. The part of FFA in the genesis of the metabolic disorder of stoutness has additionally been built up past doubt. Adipose tissue is presently given the status of an organ. It, truth be told, is having significant capacities than already suspected. It mirrors the store sustenance on board and absence of fat tissue is connected with diminished work productivity, menstrual and ripeness issue and psychosocial issues. The number and size of fat tissue increments amid growth and outset. This

proceeds in adolescence at a moderate pace. In adulthood, in many people, the fat tissue is generally stable. It is to be noted that fat tissue is likewise given the status of an endocrine organ. It secretes a 16 kD protein called leptin in extent to the size and number of fat cells. The OB quality encodes this protein. It courses bound to tying proteins and crosses the blood-cerebrum hindrance. It appends to OB receptors in the hypothalamus and choroids plexus and sends various signals that outcome in hunger regulation, nourishing conduct and upkeep of body weight. It additionally impacts quality expression and emission of neuropeptide Y (NPY). NPY is an intense stimulator of sustaining [69-70].

Figure : 6 Obesity Causes and Effects



BIOLOGICAL CAUSES:

A few percentage is said to be from identifiable causes such as hormonal, syndromic, neurological, or single gene defect conditions[71]. Apart from this some children display a genetic predisposition to obesity, which has been studied in few twins[72].

ENVIRONMENTAL CAUSES:

There is an indirect association between the environmental influence and the risk of developing obesity. Obesity rates are high in urban areas, because of the change in lifestyle such as deserved physical activity and increased consumption of food which is energy dense [73,74.] There also no safe are for children to play outside and the infracture do not support walking. The pressure on children to only study along with the decrease in physical education classes conducted in schools has also lead to an increase in obesity. These factors have become important in terms of public health action and many studies are now focusing on above explained parameters. Some studies have also explained that obesity is increasing in low income group also because they do not provide nutritious meal to children and they do not have access to fresh food[75]

PREVENTION OF OBESITY IN CHILDREN:

Some of the preventive measures adapted are limited consumption of sugar drinks, encouraging diets which are rich in fresh fruits and vegetables, limiting screen viewing time less than 2 hours per day, having a compulsory breakfast, family meal should be encouraged, increase in physical activity[76].

The below are some of the models used for prevention which are actat various levels

Figure : 7 Ecological Model for Health Promotion

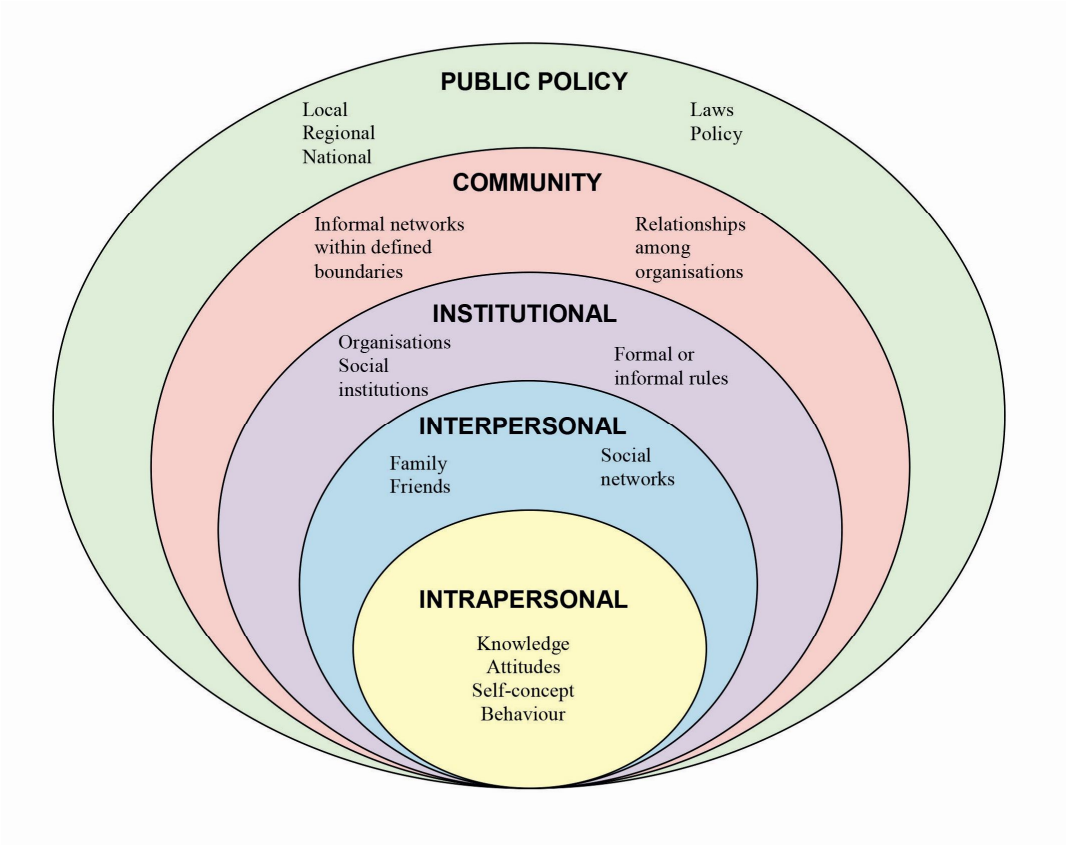
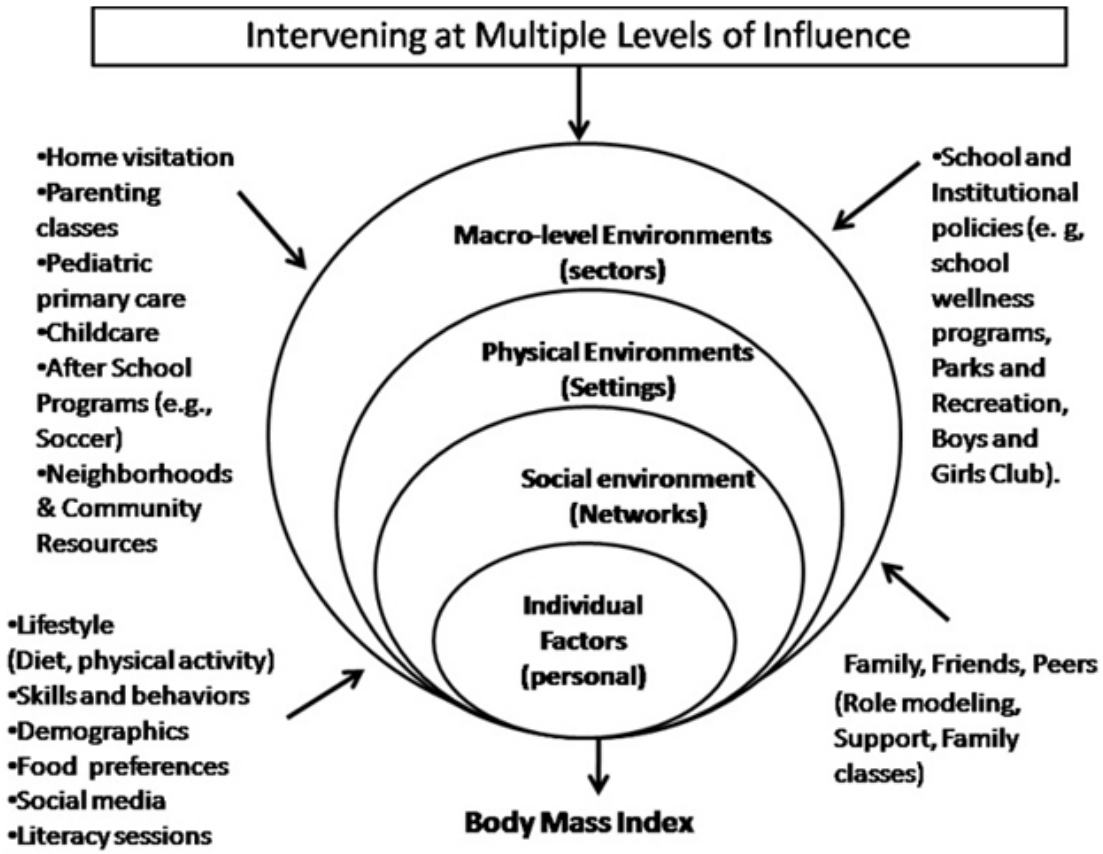


Figure : 8 Intervening at Multiple Levels



STUDIES PERTAINING TO THIS TOPIC

Savva SC, Tornartis M, Savva ME did a study on waist circumference and waist-to-height ratio to be better predictors of cardiovascular disease risk factors in children than body mass index. They stepwise multiple regression analysis for their studies and found that waist circumference was the most significant predictor among all variables for both boys and girls, whereas BMI had the lowest predictive value[77].

In 2006, a Cross-Sectional Comparison of BMI and Waist Circumference in British Children by McCarthy HD[1], Ellis SM, Cole TJ was conducted to compare WC, BMI, and WHR data in three different samples of children to study the prevalence of obesity. In their study, the proportion of children who were classified as overweight had not changed significantly using all the measures; however the children who were classified as obese increased by fourfold. This data provides us a strong case for questioning the current interpretation and the use of BMI and WC and highlights the need for better understanding the relationship between both and the changes associated with growth during childhood and the associated health risk. During the past 10-20 years, trends in WC have greatly exceeded when compared with BMI, particularly in girls, and this shows that BMI is a poor proxy for central fatness. BMI has therefore systematically underestimated the prevalence of obesity in children and adolescents[78].

A cross-sectional study from Madras Diabetes Research Foundation by Sonya Jagadesan, Ranjani Harish was done to estimate obesity in children in Chennai, India, and they observed that the prevalence of overweight/obesity was significantly higher in private schools when compared to government schools and was also higher among girls (IOTF: 18%, Khadilkar: 21.3%) compared to boys (IOTF: 16.2%, Khadilkar: 20.7%) , and higher among adolescents (IOTF: 18.1%, Khadilkar: 21.2%) when compared to children (IOTF: 15.5%, Khadilkar: 20.7%)[79].

A study in London by Wardle obesity at the time of transition from childhood to adolescence, found that overweight/obesity which was estimated by using both BMI and waist circumference) present around age of 11years was highly likely to persist to the age of 15[80].

NEED FOR STUDY

The present prevalence of overweight and obesity in India is 11- 29-%. Obesity has been declared as a global pandemic that constitutes one of the leading future threats to public health. In people of South Asian origin, central obesity alone is a powerful predictor of morbidity and mortality for a number of chronic diseases. Globally, it has been estimated that three out of ten children aged between 2 and 15 are considered to be overweight or obese, as per the latest statistics[81-83]. However this is mainly based on measurement program done by schools which uses Body Mass Index which is plotted on a growth chart where the age is also taken into account. Now experts have said

that this leads to an underestimation of the childhood obesity problem as it does not account where the children carry the extra weight on their body. If WC is used along with BMI, then four out of ten children would become classified as either overweight or obese[84]. Fat around the middle has to be considered as most hazardous to health as it increased the risk for development of type 2 diabetes, which is missed by BMI. So the purpose of this study is to estimate the prevalence of obesity using BMI, waist circumference and waist/ height ratio in assessing the prevalence of obesity. Obesity in children and adolescents is now a major public issue even in developing countries, including India. There is a chance that one-half of these obese school children might become obese adults. Whether or not obesity persists into adulthood, even in childhood obesity, is also associated with an increase in the risk of subsequent morbidity[85]. This shows the Significance of estimating the prevalence of obesity in children which cannot be overemphasized. There are only few studies which report the prevalence of childhood and adolescent obesity and overweight in the different parts of India such as (Punjab, Maharashtra, Delhi and South India) and the percentage range from 3% to 29%, and this indicates in urban areas the prevalence is high when compared to rural areas. Worldwide a controversy is going on regarding childhood obesity. It is more prevalence in India. I have seen many obese children and have wondered about the causes. That is the reason which influenced me to do this research on my statement problem.

MATERIALS AND METHODOLOGY

STUDY DESIGN

This study is a school-based, descriptive, cross-sectional study.

STUDY PERIOD

The study was carried out over a period of twelve months, from July 2014 to July 2015.

ETHICS

The study was approved by the Ethical Committee of Coimbatore Medical College Hospital and informed consent was obtained from Chief Educational Officer (Coimbatore Corporation) and also from the School Principal and participants of the study, for the study purposes.

STUDY POPULATION

The population under study are 11 to 15 years old urban school children in Coimbatore district, Taminadu.

SAMPLE SIZE

The total number of students of 11-15 years of age was obtained from The Chief Educational Officer (Coimbatore Corporation) including government and private schools. The total number of students are 1,15,724 and the average number of students per class is 42,301.

The sample size calculation formula

$n=t^2*p\ (1-p)/m2$

Description

n=required sample size

t=confidence level of 95%

(standard value of 1.96)

p=expected frequency of the factor under study-14.7%

m=margin of error of 2.5%

$n=1.96^2 *0.147(1-0.147)/0.025^2 = 770$

The sample is increased by 10% to account contingencies like non response and recording error.

n+10%=770+10% =848 sample.

Round off - 850 samples.

Government schools - 50%

Private schools - 50%

Study sample - 850

Using the above-mentioned formula, previous studies and in consultation

with the statistician ,the sample size was calculated to be 850 and the sample strata was calculated to be 170 for each age group from 11-15 yrs.

SAMPLING TECHNIQUE

Thus, 850 subjects from Coimbatore district were selected for this study. We adopted a multistage stratified random sampling procedure. Schools were selected based on the list of schools in Coimbatore which was obtained from the District Education Office. By using simple random technique, first six schools were selected. The Probability, proportional to the size sampling technique was used to select the sample from each school. Both government & private schools were included & the ratio was 1:1 in accordance with distribution of schools in Coimbatore. On reaching the selected school, the classes were selected randomly from each grade. The Students were then selected from each class by again using simple random technique, with help of the students' register, till the desired sample was met. From individual classes from each institution, 50 subjects would be recruited. Students who did not submit the Performa or those whom were notable & who were not cooperative were considered as non-respondent.

INCLUSION CRITERIA

11-15 yrs of urban school children in Coimbatore

EXCLUSION CRITERIA

Students with major dysmorphology or signs of physical deformity

TOOLS AND MATERIALS USED

A Proforma was used and details were collected, which included their involvement in physical activities such as participation in games, sports activities they preferred or predominantly indoor activities. Their screen viewing time which included watching television, playing computer and video games was also noted. Their food habit weather healthy & Unhealthy & eating junk food was taken into consideration. The number of meals consumed while watching television and their sleeping time and morning rising time were noted. The age, educational status, occupation of both parents and their monthly income, family size and the socio-economic status were also taken into consideration. The socio-economic status was assessed based on the Modified Kuppuswamy scale.

For measuring height a portable stadiometer was used.

Weight was measured using portable electronic weighing machine .

Waist circumference was measured using a non stretchable elastic tape.

METHODOLOGY

The study was approved by the Ethical Committee of Coimbatore Medical College Hospital, Coimbatore and informed consent was obtained from Chief Educational Officer (Coimbatore Corporation) and also from the School Principal and participants of the study, for the study purposes.

PROCEDURE

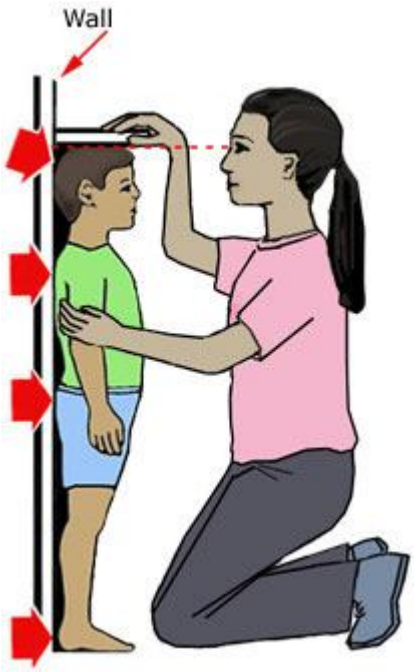
MEASUREMENT OF HEIGHT

Height was measured, standing using a portable stadiometer (range 60 - 207 cm). It was ensured that the stadiometer was on level ground.

Figure : 9 Stadio Meter

The child stood in socks or barefoot on the flat base of the stadiometer, feet slightly apart and the back of the head, the shoulder blades, buttocks and heels touching the vertical rod, and head in the Frankfurt plane. Gentle traction was applied to the mandibular process and the headboard was then lowered. The reading was taken to the last completed mm, avoiding parallax, and two such readings were averaged for analysis.

Figure : 10 Measurement of Height



Thus height was measured as per the WHO child growth standards: training course on child growth assessment, 2008. When assembling the height boards, it was checked that they are assembled correctly by measured rods of known length.

MEASUREMENT OF WEIGHT

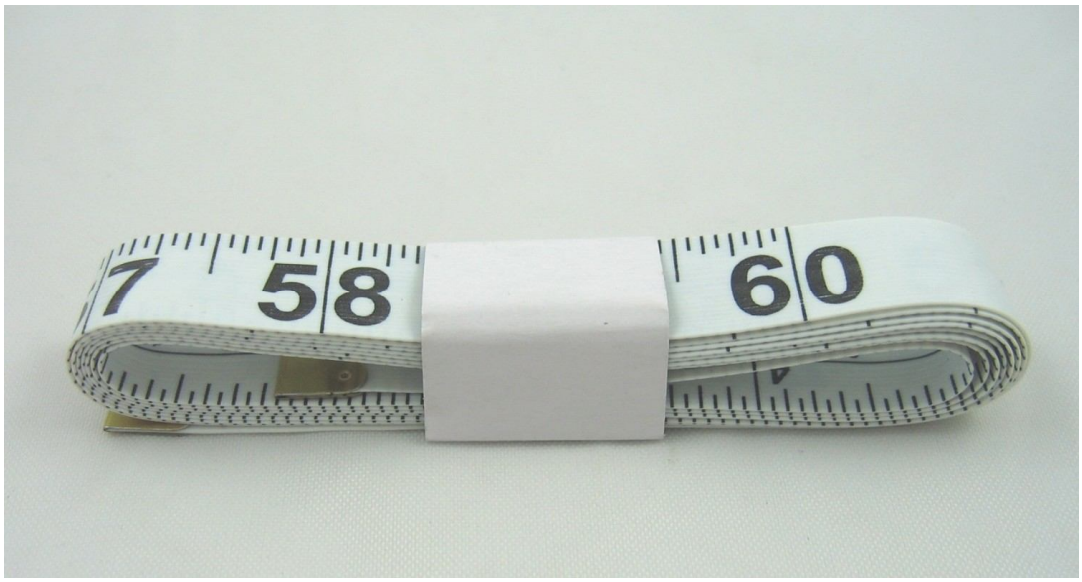
The scale was placed on a flat, hard, even surface. The children were asked to stand in the middle of the scale, feet slightly apart and they were to remain still until the weight appears on the display. Then weight was measured using a portable electronic weighing machine accurate to 100 g. As per the WHO child growth standards: training course on child growth assessment, 2008. The weighing scale was regularly checked with known standard weights of 3, 5, 10 and 20 kg. The accuracy of equipment was checked at the time of purchase and thereafter at least once weekly.

Figure : 11 Weighting Scale

MEASUREMENT OF WAIST CIRCUMFERENCE:

An important issue for both using and for interpreting waist circumference is the protocol used to obtain the measurements. Here we have the protocol as discussed, the anatomical placement of the measuring tape, its tightness and the type of tape used, the subject's posture, phase of respiration and abdominal tension.

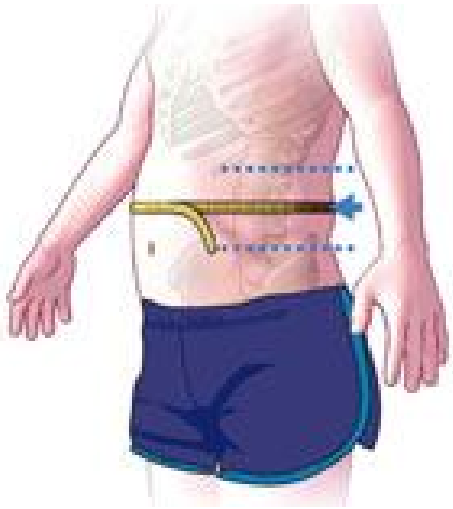
Figure ; 12 Inch Tape



Placement of tape:

The WHO STEPS protocol is used for measuring waist circumference which instructs that the measurement must be made at the approximate midpoint between the lower margin of the last palpable rib and the top of the iliac crest (WHO, 2008b). In this study also the waist circumference has been measured in the same manner. Lower margin of the last palpable rib and the top of the iliac crest.

Figure : 13 Measurement of Waist Circumference



The tightness and type of tape used:

Most importantly the accuracy of waist circumference measurements depends on how tight the tape is used, and its correct positioning. The WHO STEPS protocol states that, for WC measurement of waist, the tape should be kept snug around the body, but in such a way that not pulled so tight which then becomes constricting (WHO, 2008b). It is recommended to use a tape which is stretch resistant.

The posture of students during measurement:

At the time of measurement, the posture in which the subject stands also influences the accuracy of measurement. Thus, the WHO STEPS protocol recommends that the subject should stands with both arms at the sides and feet positioned close together, and weight evenly distributed across the feet (WHO, 2008b).

The phase of respiration at the time of measurement:

This determines the extent of fullness of the lungs and the position of the diaphragm during measurement; which in turn influences the accuracy of the measurement. The WHO STEPS protocol suggests that the waist circumference should be measured at the end of a normal expiration, when the lungs are at their functional residual capacity (WHO, 2008b). In this study, the waist circumference was thus during measured at the end of a normal expiration.

The abdominal tension during measurement:

The tension of the abdominal tension in turn affects the accuracy of the waist circumference measurement. Decreasing the abdominal wall tension increases waist circumference, whereas increasing the tension (by sucking in) reduces waist circumference. Some of the individuals unconsciously react at the time of measurements by sucking in their abdominal wall; hence, a relaxed posture is aimed for taking correct waist measurements. The WHO STEPS protocol recommends that the subject should advice to be relaxed and take few deep breaths before the actual measurement is made, which will minimize the inward pull of the abdominal contents during the waist measurement (WHO, 2008b), which was followed in this study.

Following the above protocol, WC was measured with the students standing with their feet close together and both arms at their sides in a relaxed position, during the end of their normal respiration. The measurements were repeated twice and the difference should be less than 1cm, then the average was confirmed. If it exceeded 1 cm measurements were repeated. The tape was regularly checked and if there was any damage the tape was replaced.

The anthropometric measures we took were the height, weight, and WC and the same protocols were followed for all students, and measurements were taken by the same person.

- BMI was calculated by the formula

$$\text{BMI} = \frac{\text{WEIGHT IN KG}}{\text{HEIGHT IN M}^2}$$

and the student was considered obese if he or she was more than or equal to 27^{th} adult equivalent of IAP BMI chart - Annexure : 7-8

WC was thus measured and the student was considered obese if he or she was more than or equal to 75^{th} Percentile of Smoothed and Weighted Age and Sex Specific Waist Circumference Percentile Values (cm) for Indian Children 3-16 years of age Ref : Annexure : 9

WHR was calculated by the formula

$$\textbf{WHR} = \frac{\textbf{WAIST CIRCUMFERENCE IN CM}}{\textbf{HEIGHT IN CM}}$$

and the student was considered obese if he or she was more than or equal to 0.5 as per the Smoothed And Weighted Age And Sex Specific Waist - Height(Wht) Ratio Percentile Values For Indian Children 3-16 years of age Ref : Annexure : 10

STASTICAL ANALYSIS

The data are reported as the mean +/- SD or the median depending on their distribution. The differences in quantitative variables between the groups were assessed by means of an unpaired T test. The comparison between groups were made by the Non parametric Mann-Whitney test. ANOVA was then used to assess the quantitative variables. A Chi square test was used to assess the difference in categorical variables between groups. ROC curve and Odds ratio were performed. A p value of <0.05 using a two - tailed test was taken as being of significance for all statistical tests. All data were analyzed with a statistical software package.(SPSS, version 16.0 for windows).

RESULTS

The table below shows the number of children involved in the study in the various age groups including gender distribution and distribution in private and government schools

Table : 2 Age Distribution

Age Distribution			
	Gender		
Age	**MALE**	**FEMALE**	**Total**
11	68	106	174
12	75	96	171
13	85	86	171
14	50	122	172
15	61	110	171
Total	339	520	859

Figure : 14 Age Distribution

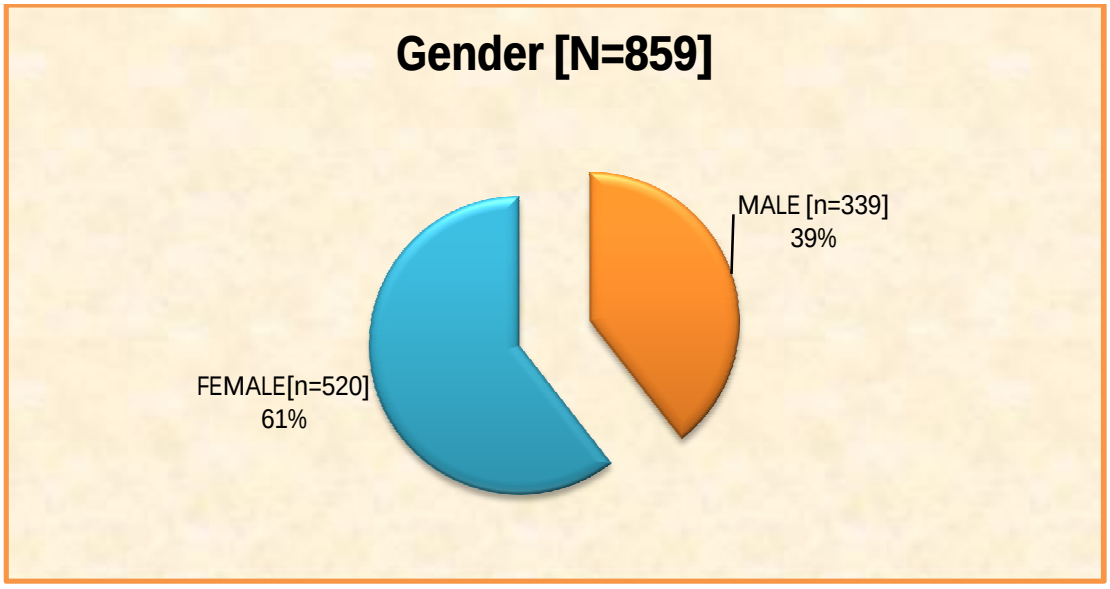
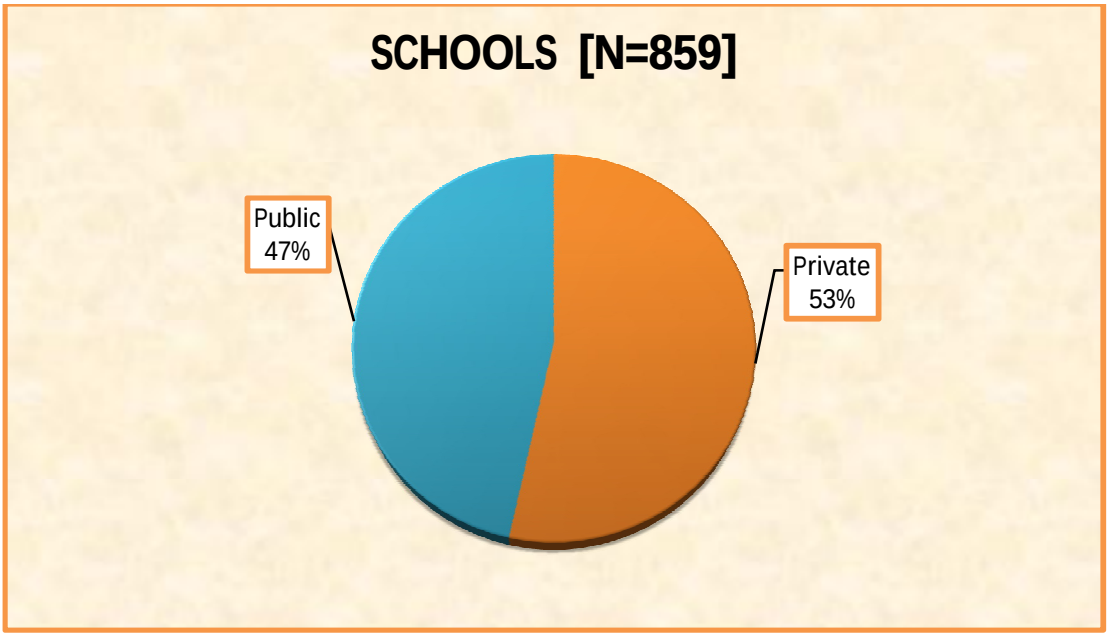


Figure : 15 Schools

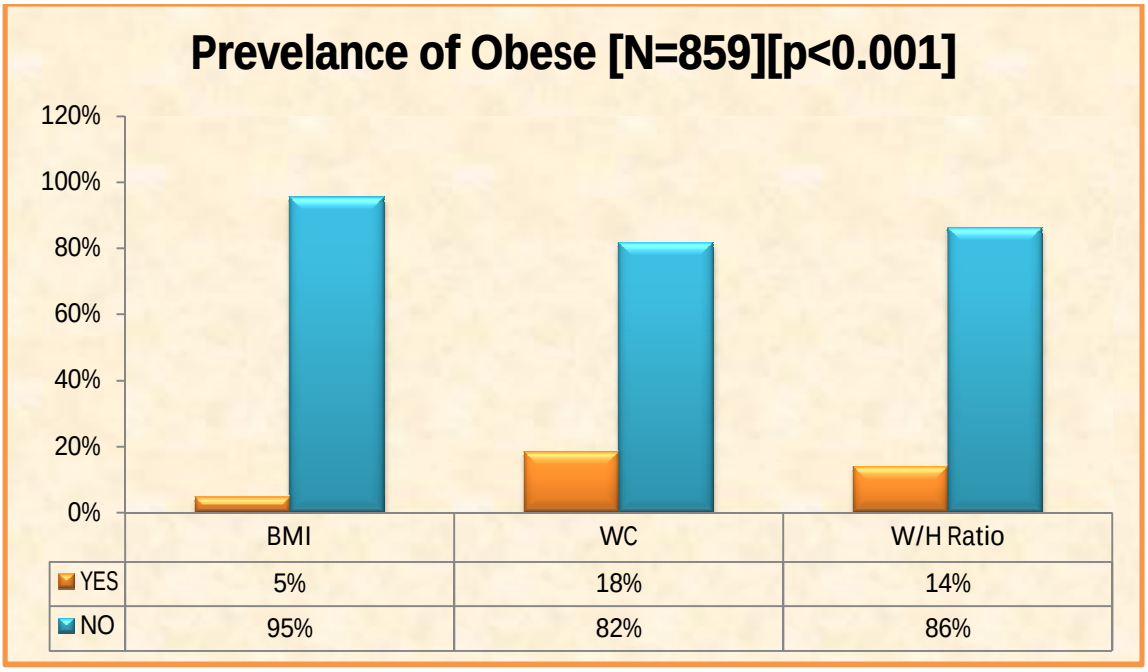


From the study population of 860 children, 859 were included and the prevalence of obesity is as follows. According to BMI - 40 children, 5% are obese; WC - 157 children,18% are obese and WHR-119 children, 14% are obese.

Table : 3 Prevalence of Obesity in the study Population

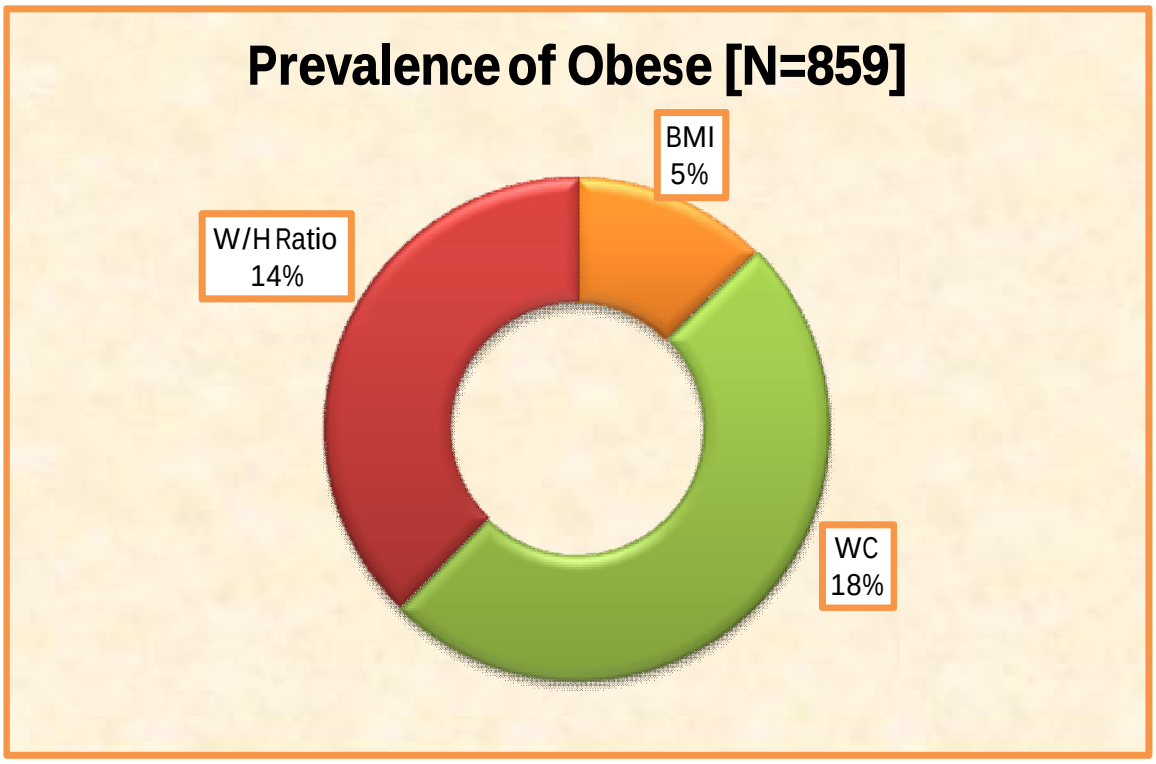
Prevalence of Obesity in the study Population		
	OBESE	
Variables	YES	NO
BMI	40	819
WC	157	702
W/H Ratio	119	740

Figure : 16 Prevalence of Obesity in study population



Much studies have not been conducted using all three parameters for estimation of obesity and hence in this study we could estimate that by using WC for estimating obesity, then the prevalence increases by 13.6% and by using WHR the estimation of obesity increases by 9.2% and by using combined WC and WHR the estimation of obesity increases by 11.4% than BMI which only estimates 5% of obesity. Thus if only a single factor such as BMI is used obesity may be underdiagnosed.

Figure : 17 Prevalence of Obesity



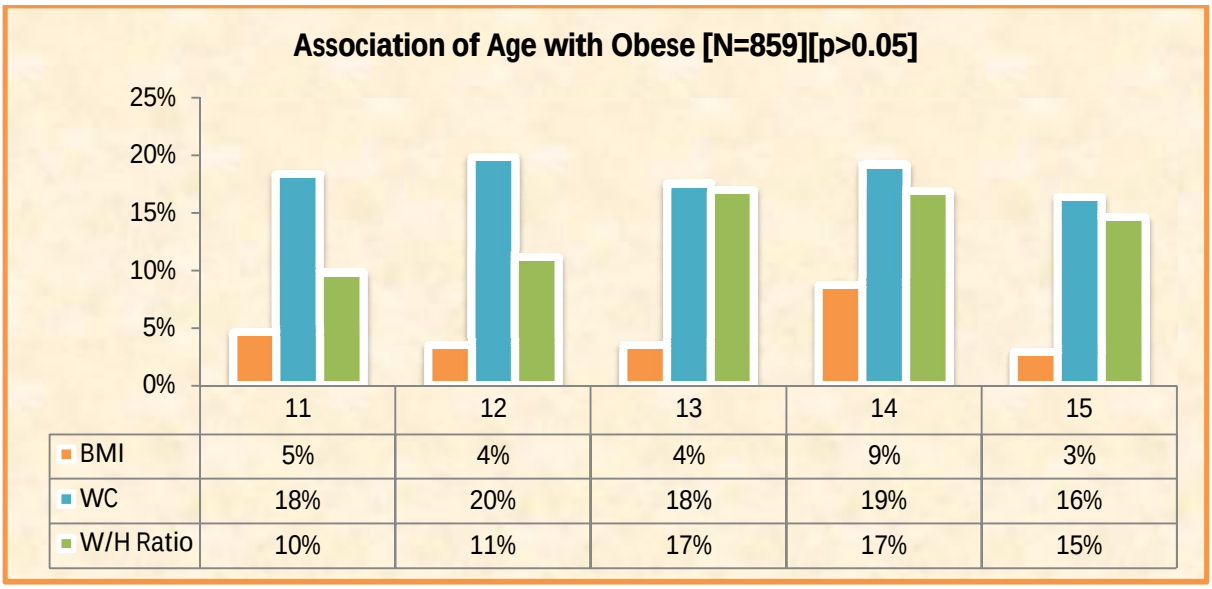
RISK FACTORS FOR OBESITY

In this study various risk factors taken into account are as follows:

AGE AND GENDER OF THE CHILDREN AND OBESITY

The age of children being obese is more in 12 to14 years age group

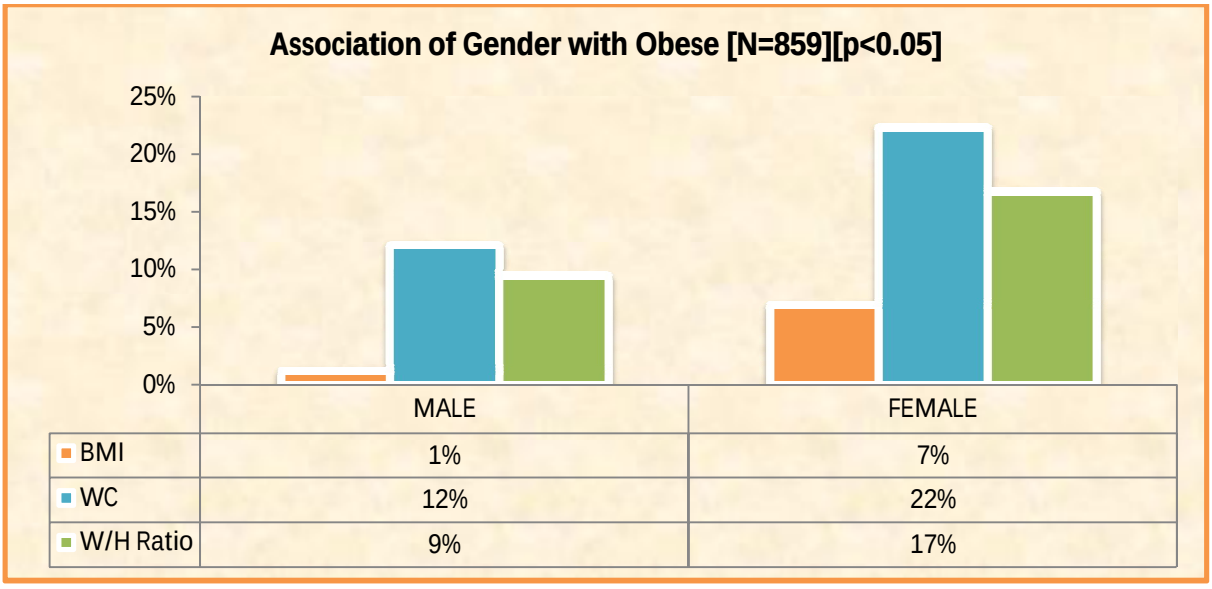
Figure : 18 Association of Age with Obese



	11	12	13	14	15
BMI	5%	4%	4%	9%	3%
WC	18%	20%	18%	19%	16%
W/H Ratio	10%	11%	17%	17%	15%

According to this study, obesity is more in females in all ages

Figure : 19 Association of Gender with Obese



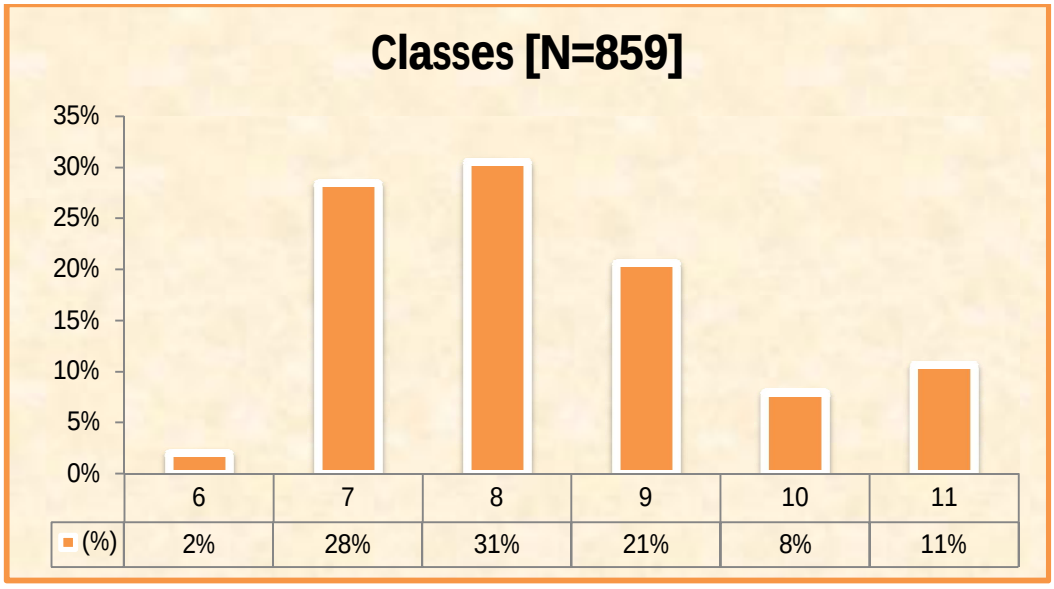
	MALE	FEMALE
BMI	1%	7%
WC	12%	22%
W/H Ratio	9%	17%

GRADE STUDIED WITH OBESITY

Table : 4 Standard Wise

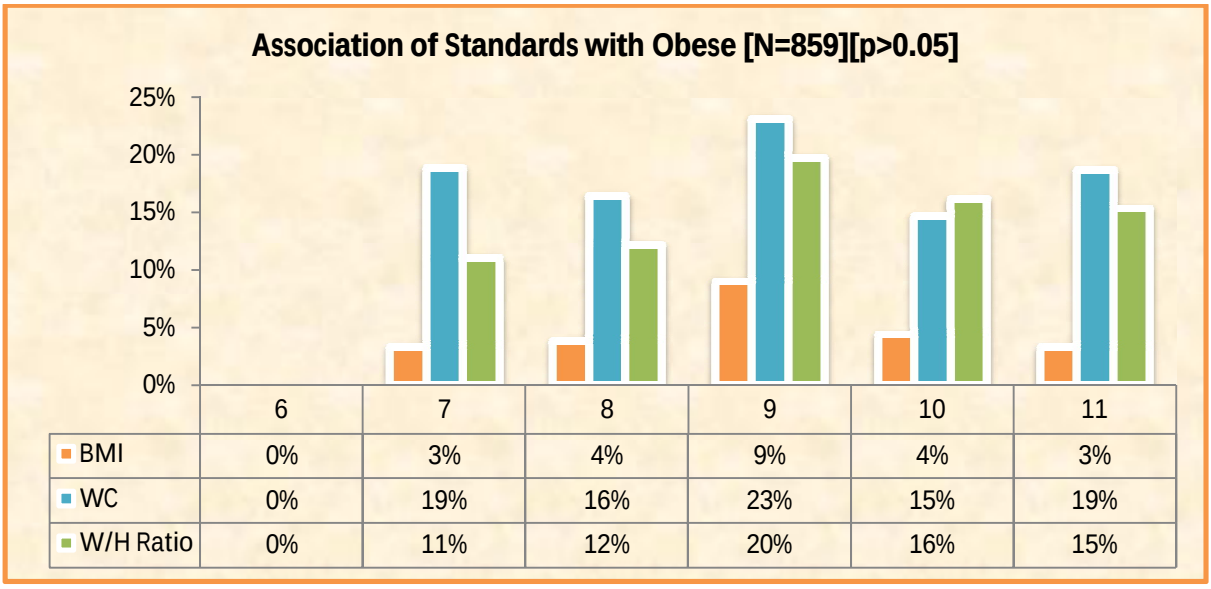
Standard wise		
STD	n	(%)
6	17	2%
7	244	28%
8	262	31%
9	177	21%
10	68	8%
11	91	11%
Total	859	520

Figure : 20 Classes



Similar to age, there is increased obese children in class 8 followed by class 7 and 9.

Figure : 21 Association of Standards with Obese



	6	7	8	9	10	11
BMI	0%	3%	4%	9%	4%	3%
WC	0%	19%	16%	23%	15%	19%
W/H Ratio	0%	11%	12%	20%	16%	15%

MODE OF SCHOOL WITH OBESITY

Table : 5 Association of Mode of School with Obese in Study Population

Association of Mode of School with Obese in study population				
		OBESE		
School	**TOTAL**	BMI*	WC*	W/H Ratio*
Private	459	30	95	73
Govt.	400	10	62	46
* --> Significant at <0.05 level				

Figure : 22 Association of Mode of School with Obese

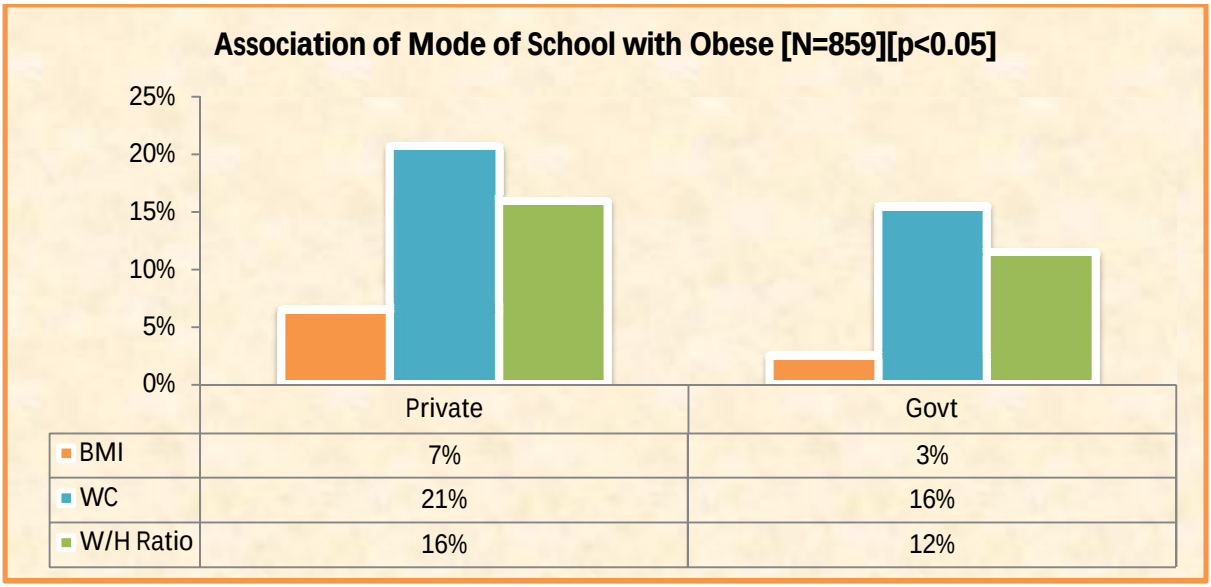


Table : 6 ODDS RATIO - Private School

ODDS RATIO - Private school			
		BMI	2.727 [95% CI : 1.316 - 5.652]
		WC	1.422 [95% CI : 1.000 - 2.024]
		W/H ratio	1.455 [95% CI : 0.979 - 2.163]

According to this study, obesity is more in private schools when compared to government schools.

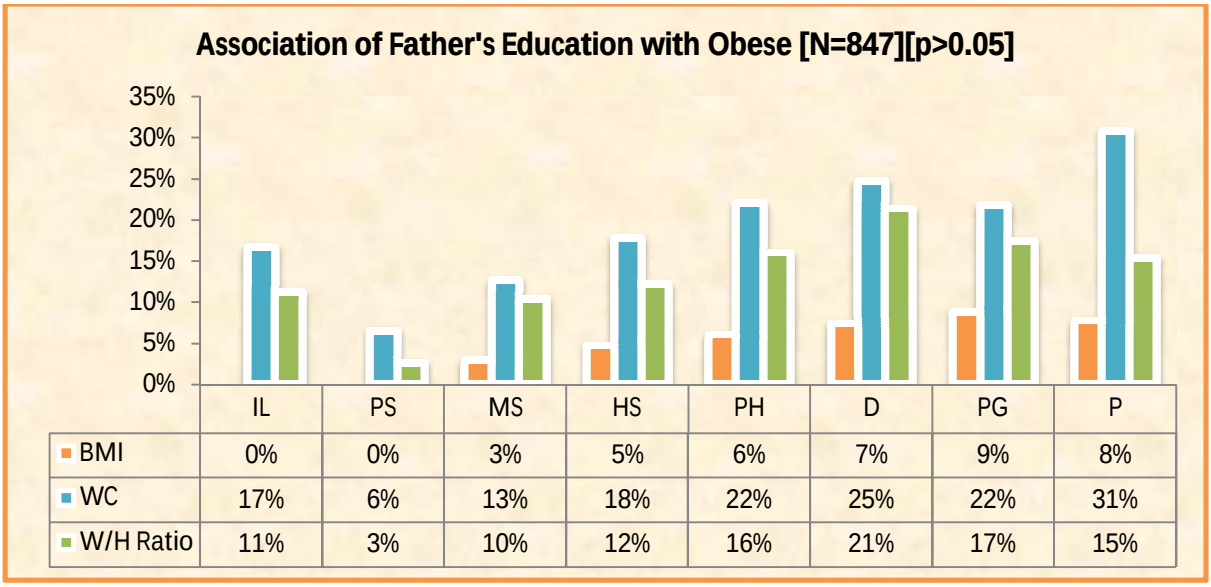
FATHERS EDUCATION WITH OBESITY

According to this study, obese children are more when fathers are degree holders, post graduates and professionals.

Table : 7 Association of Father's education with Obese in study population

Association of Father's education with Obese in study population				
		OBESE		
FATHER'S EDN	**Total**	BMI	WC*	W/H Ratio
ILLITERATE	18	0	3	2
PRIMARY SCHOOL	77	0	5	2
MIDDLE SCHOOL	174	5	22	18
HIGH SCHOOL	214	10	38	26
POST HIGH SCHOOL	150	9	33	24
DEGREE	178	13	44	38
POSTGRADUATE	23	2	5	4
PROFESSIONAL	13	1	4	2
* --> Significant at <0.05 level				

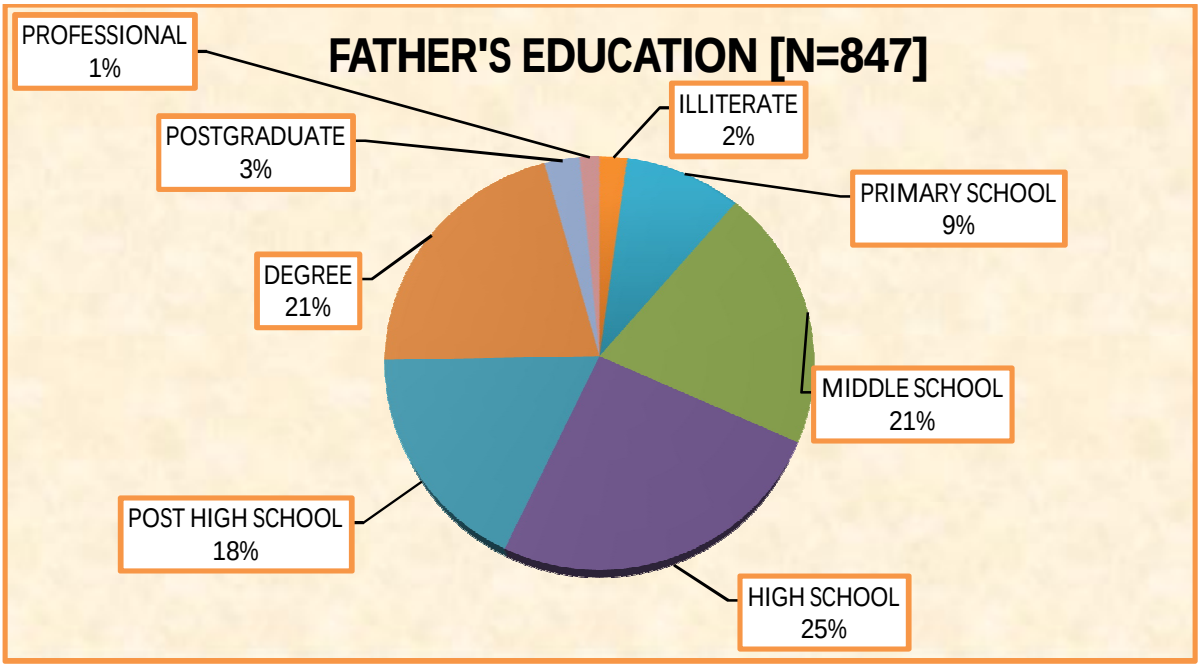
Figure : 23 Association of Father's Education with Obese



	IL	PS	MS	HS	PH	D	PG	P
BMI	0%	0%	3%	5%	6%	7%	9%	8%
WC	17%	6%	13%	18%	22%	25%	22%	31%
W/H Ratio	11%	3%	10%	12%	16%	21%	17%	15%

For most of the children, their father's education is high school which accounts for 25%, followed by middle school and degree holders, each 21% and then the rest.

Figure : 24 Father's Education



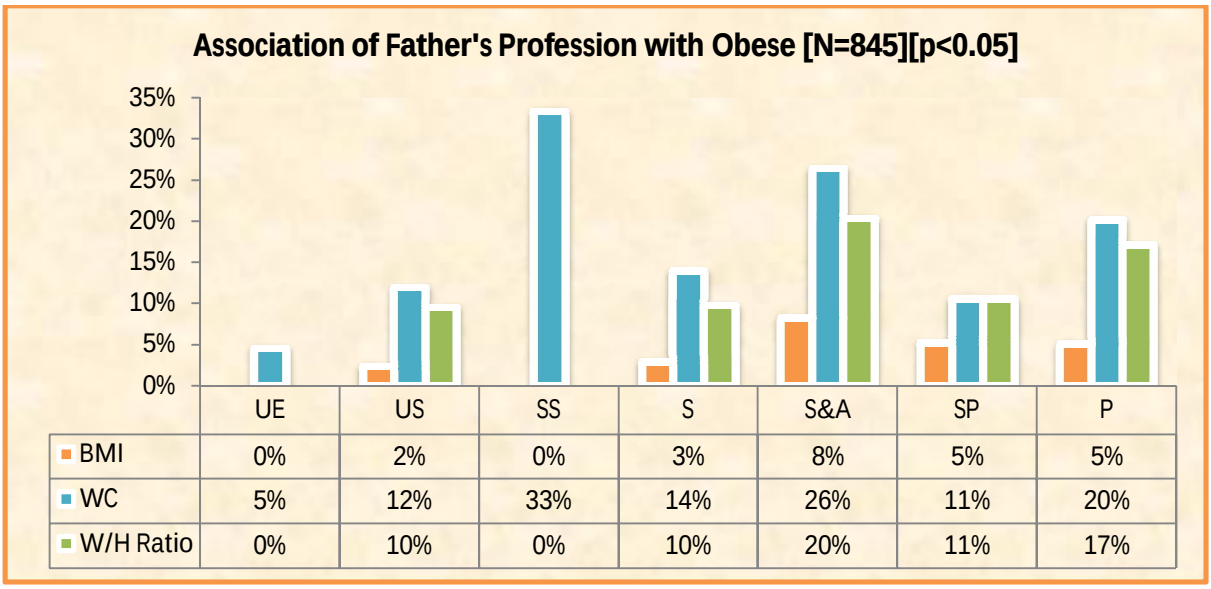
FATHER'S PROFESSION AND OBESITY

According to this study, obese children are more for fathers who are semi skilled and those who are business men and agriculturists.

Table : 8 Association of Father's Profession with Obese in study population

Association of Father's Profession with Obese in study population				
		OBESE		
FATHER'S PROFF	**Total**	BMI*	WC*	W/H Ratio*
UN EMPLOYED	22	0	1	0
UN SKILLED	126	3	15	12
SEMI SKILLED	6	0	2	0
SKILLED	308	9	43	30
SHOP AND AGRICULTURE	265	22	70	54
SEMI PROFESSIONAL	19	1	2	2
PROFESSIONAL	99	5	20	17
* --> Significant at <0.05 level				

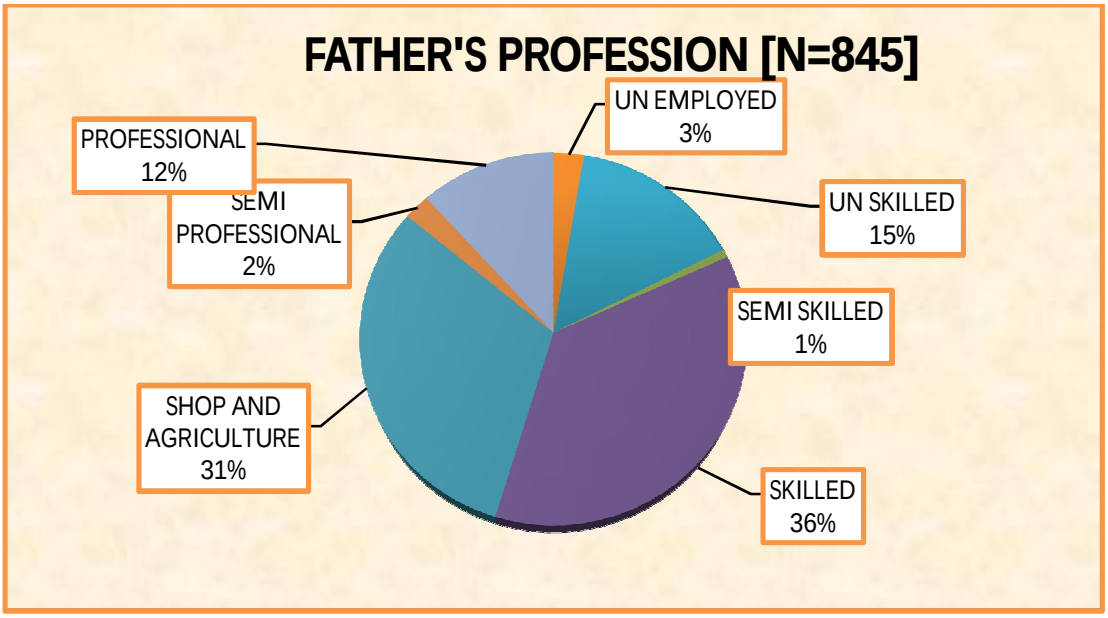
Figure : 25 Association of Father's Profession with Obese



	UE	US	SS	S	S&A	SP	P
BMI	0%	2%	0%	3%	8%	5%	5%
WC	5%	12%	33%	14%	26%	11%	20%
W/H Ratio	0%	10%	0%	10%	20%	11%	17%

Majority of the children's fathers are skilled workers which accounts for 36% followed by businessmen or practicing agriculture which accounts for 31%.

Figure : 26 Father's Profession



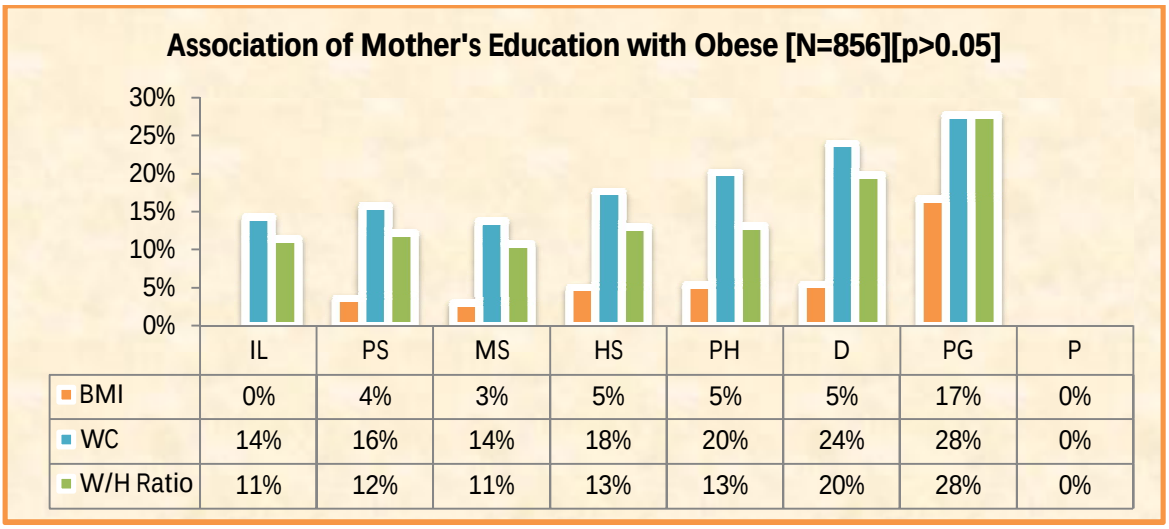
MOTHER’S EDUCATION AND OBESITY

According to this study, obese children are more in mothers who are degree holders, post graduates and professionals.

Table : 9 Association of Mother's education with Obese in study population

Association of Mother's education with Obese in study population				
		OBESE		
MOTHER'S EDN	**Total**	BMI	WC	W/H Ratio
ILLITERATE	35	0	5	4
PRIMARY SCHOOL	82	3	13	10
MIDDLE SCHOOL	167	5	23	18
HIGH SCHOOL	238	12	42	31
POST HIGH SCHOOL	168	9	34	22
DEGREE	146	8	35	29
POSTGRADUATE	18	3	5	5
PROFESSIONAL	2	0	0	0

Figure : 27 Association of Mother's Education with Obesity

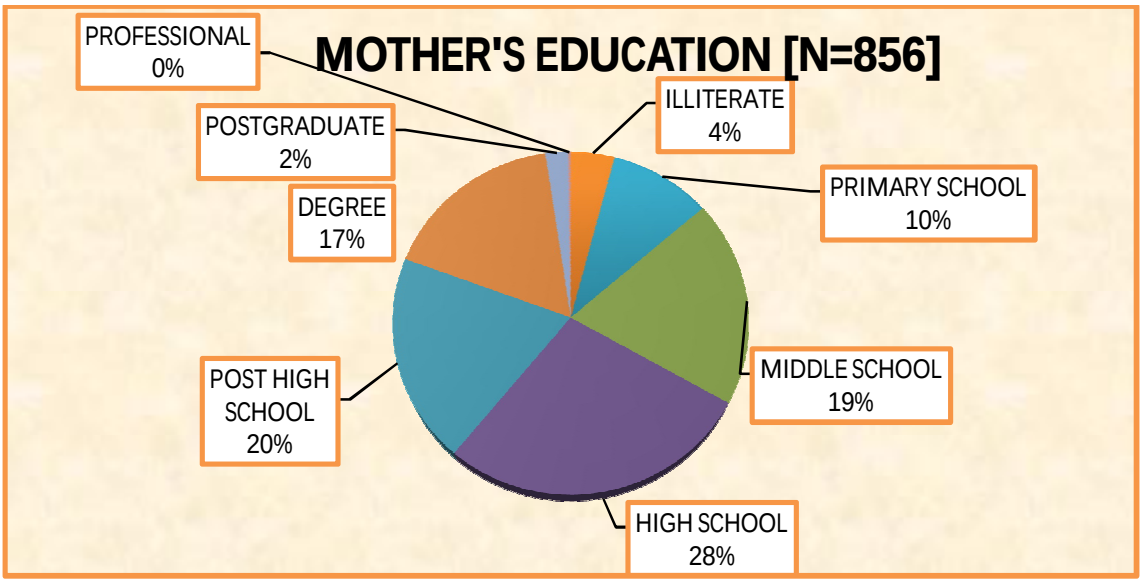


	IL	PS	MS	HS	PH	D	PG	P
BMI	0%	4%	3%	5%	5%	5%	17%	0%
WC	14%	16%	14%	18%	20%	24%	28%	0%
W/H Ratio	11%	12%	11%	13%	13%	20%	28%	0%

For most of the children, their mother's education is high school which accounts for 28%, followed by post high school 20% and middle school 19% and then the rest.

The educational qualification of the mother is slightly lower by a few % than the father.

Figure : 28 Mother's Education



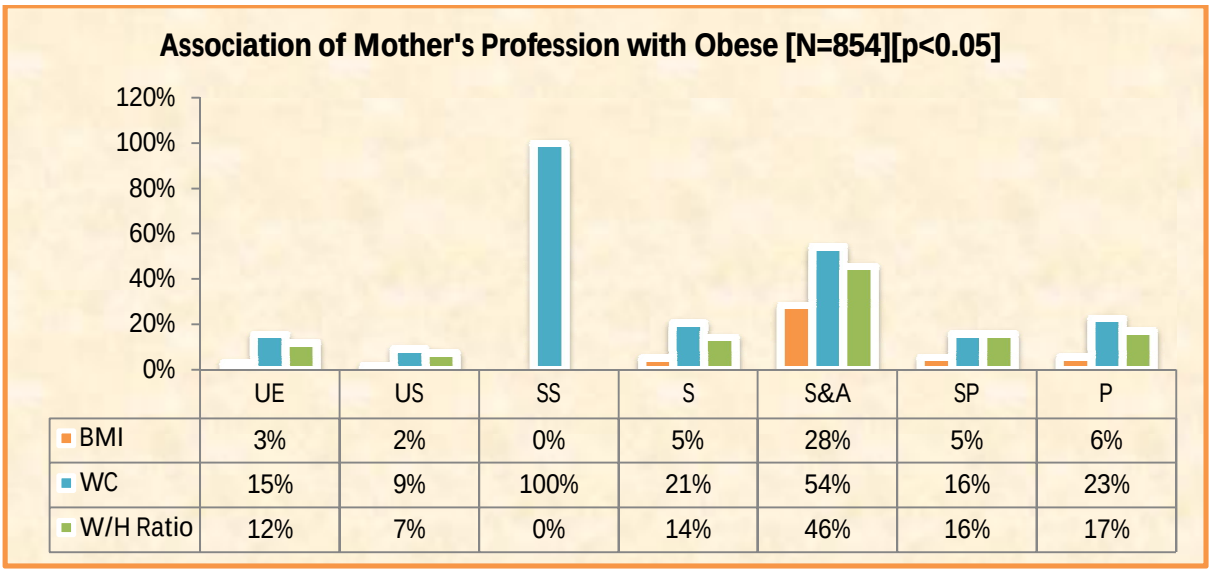
MOTHER'S PROFESSION AND OBESITY

According to this study, obese children are more for mothers who are semi skilled and those who are business women and agriculturists.

Table : 10 Association of Mother's Profession with Obese in study population

Association of Mother's Profession with Obese in study population				
		OBESE		
Mother's Proff	**Total**	BMI*	WC*	W/H Ratio*
UN EMPLOYED	485	14	75	58
UN SKILLED	109	2	10	8
SEMI SKILLED	2	0	2	0
SKILLED	140	7	29	20
SHOP AND AGRICULTURE	46	13	25	21
SEMI PROFESSIONAL	19	1	3	3
PROFESSIONAL	53	3	12	9
* --> Significant at <0.05 level				

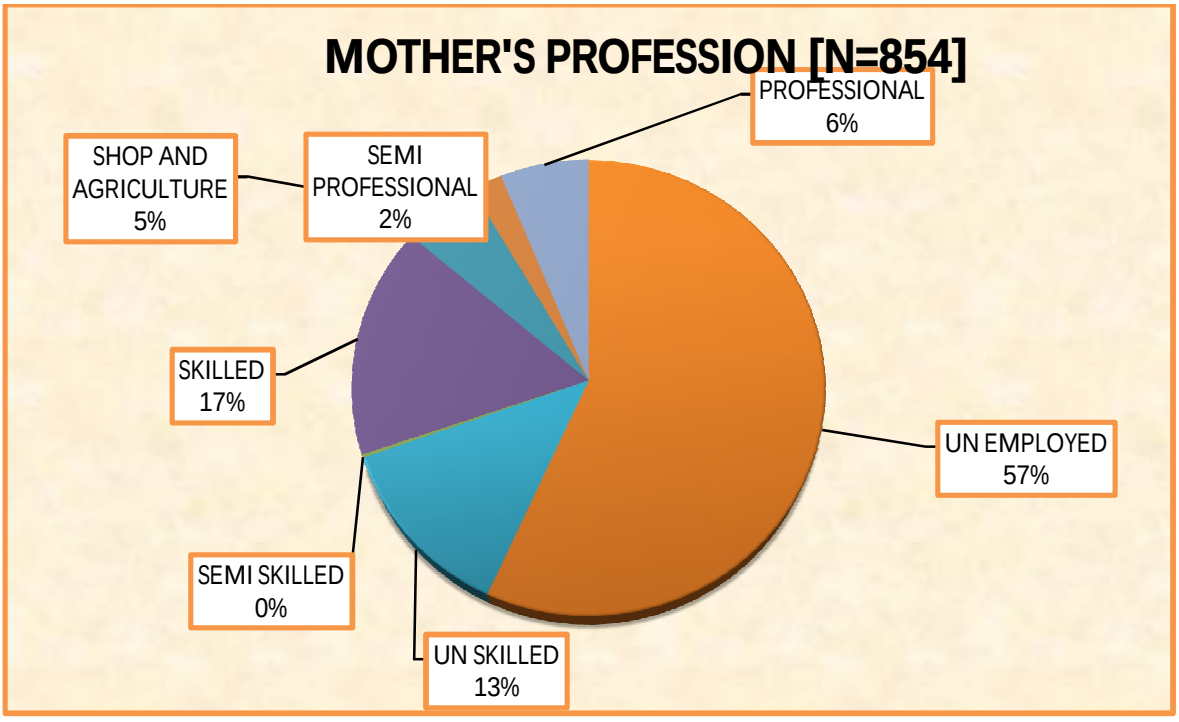
Figure : 29 Association of Mother's Profession with Obese



	UE	US	SS	S	S&A	SP	P
BMI	3%	2%	0%	5%	28%	5%	6%
WC	15%	9%	100%	21%	54%	16%	23%
W/H Ratio	12%	7%	0%	14%	46%	16%	17%

Majority of the children's mothers are unemployed, most of them being home makers which accounts for 57% followed by skilled workers 17% and then the rest.

Figure : 30 Mother's Profession



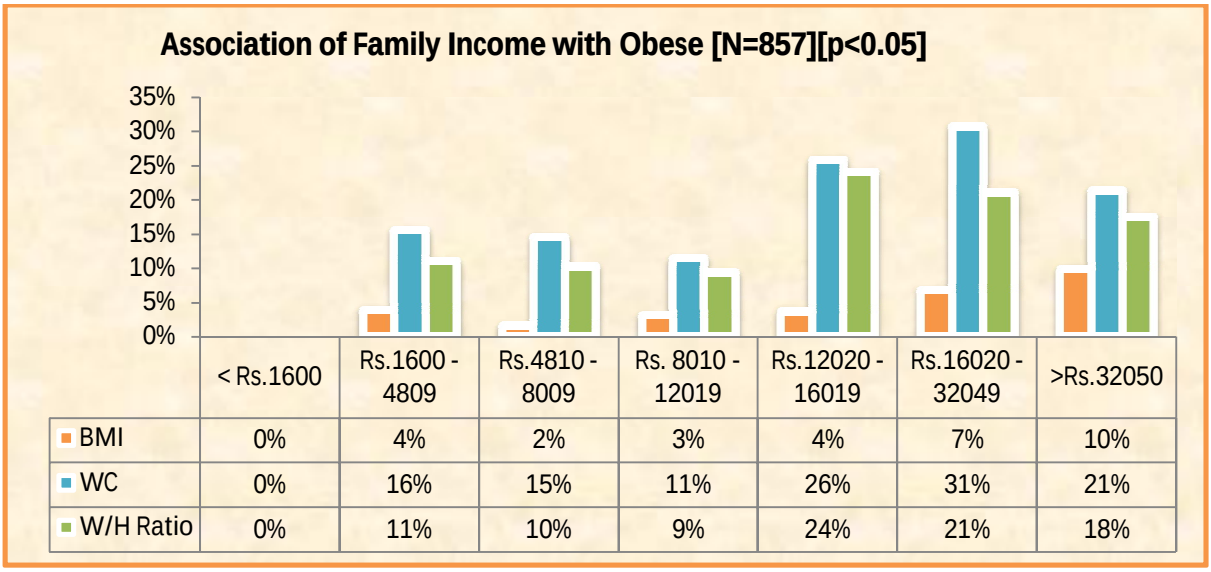
FAMILY INCOME AND OBESITY

According to this study, obese children are more in families who earn between Rs.12,000 to Rs.32,000.

Table : 11 Association of Family Income with Obese in study population

Association of Family Income with Obese in study population				
		OBESE		
Family Income	**Total**	BMI*	WC*	W/H Ratio*
< Rs.1600	13	0	0	0
Rs.1600 – 4809	154	6	24	17
Rs.4810 – 8009	254	4	37	26
Rs. 8010 – 12019	96	3	11	9
Rs.12020 – 16019	54	2	14	13
Rs.16020 – 32049	104	7	32	22
>Rs.32050	182	18	39	32
* --> Significant at <0.05 level				

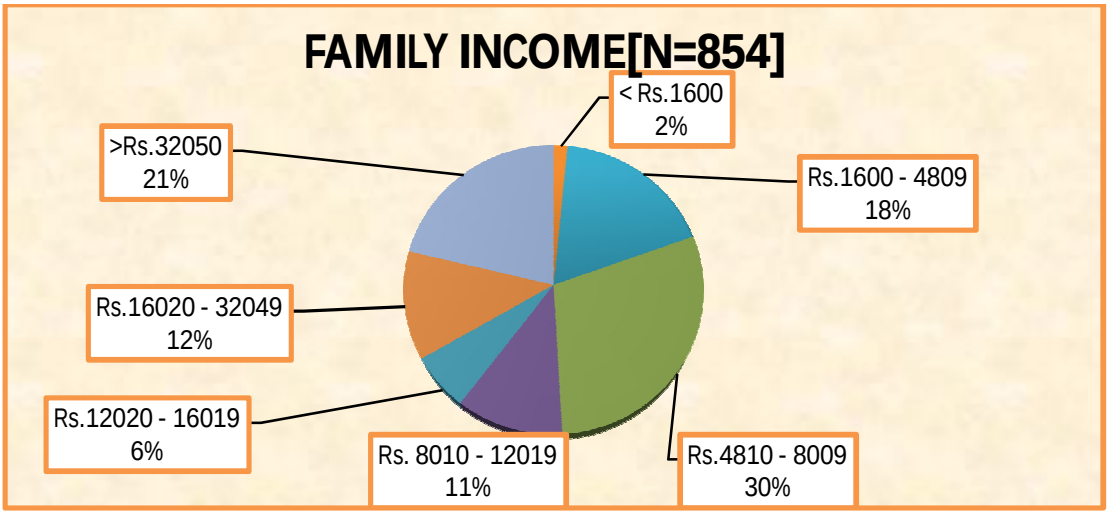
Figure : 31 Association of Family Income with Obesity



	< Rs.1600	Rs.1600 - 4809	Rs.4810 - 8009	Rs. 8010 - 12019	Rs.12020 - 16019	Rs.16020 - 32049	>Rs.32050
BMI	0%	4%	2%	3%	4%	7%	10%
WC	0%	16%	15%	11%	26%	31%	21%
W/H Ratio	0%	11%	10%	9%	24%	21%	18%

Majority of the children are from family income group of 4,810-8,009 rupees per month which accounts for 30% followed by 32,050 rupees per month which accounts for 21%.

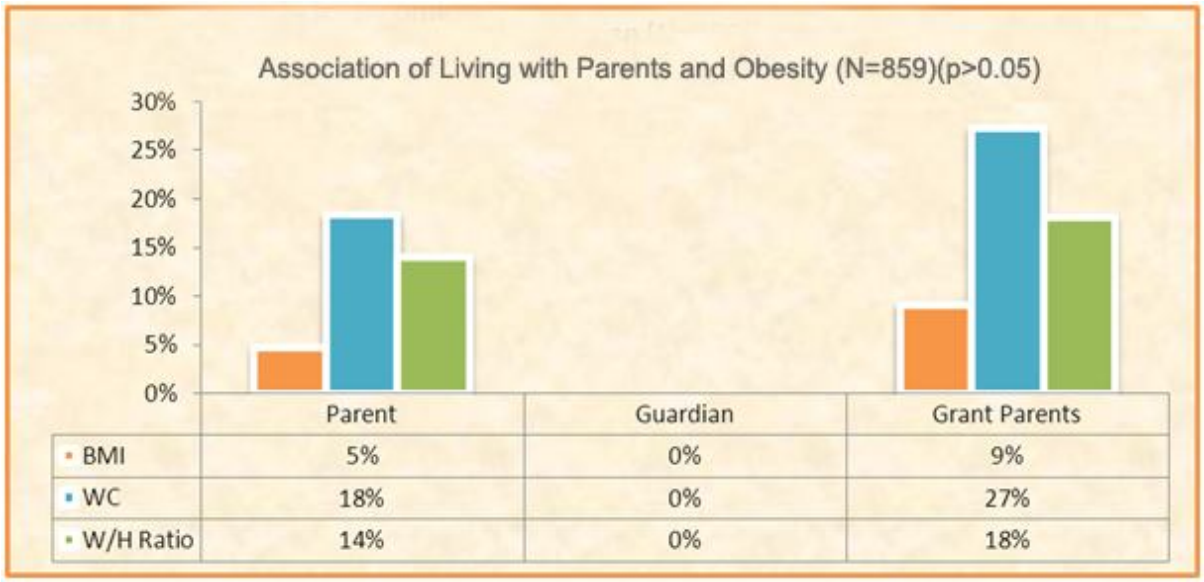
Figure : 32 Family Income



LIVING WITH PARENTS AND OBESITY

According to this study there is no increase in obese children if they are living with grand parent or guardian.

Figure : 33 Association of Living with Parents and Obesity

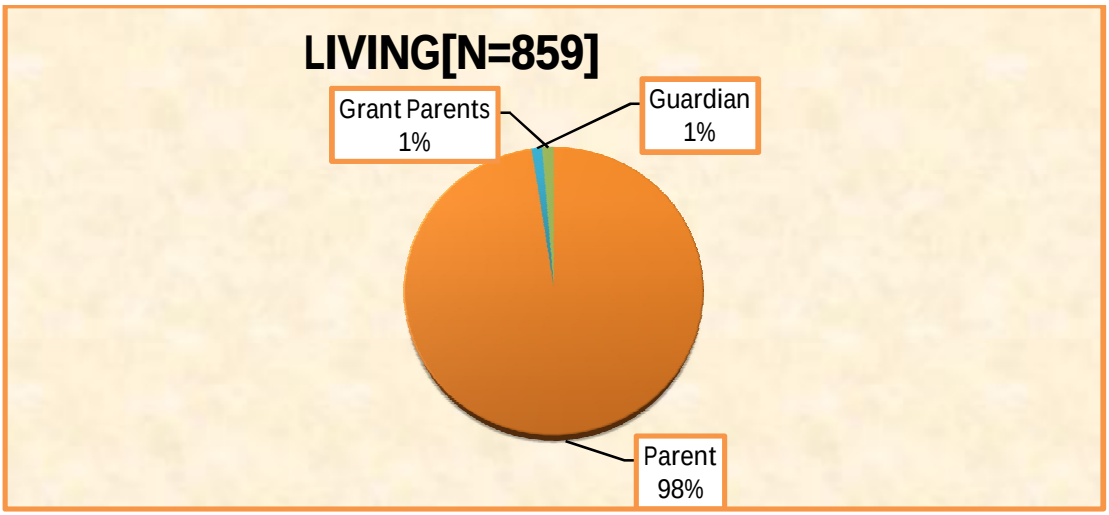


Almost 82% of the children live with their parents and only a few % with grandparents or guardians.

Table : 12 Accompany of Living with Obese in study population

Association of Accompany of Living with Obese in study population				
		OBESE		
Living	**Total**	BMI	WC	W/H Ratio
Parent	838	39	154	117
Guardian	10	0	0	0
Grant Parents	11	1	3	2

Figure : 34 Living with parent



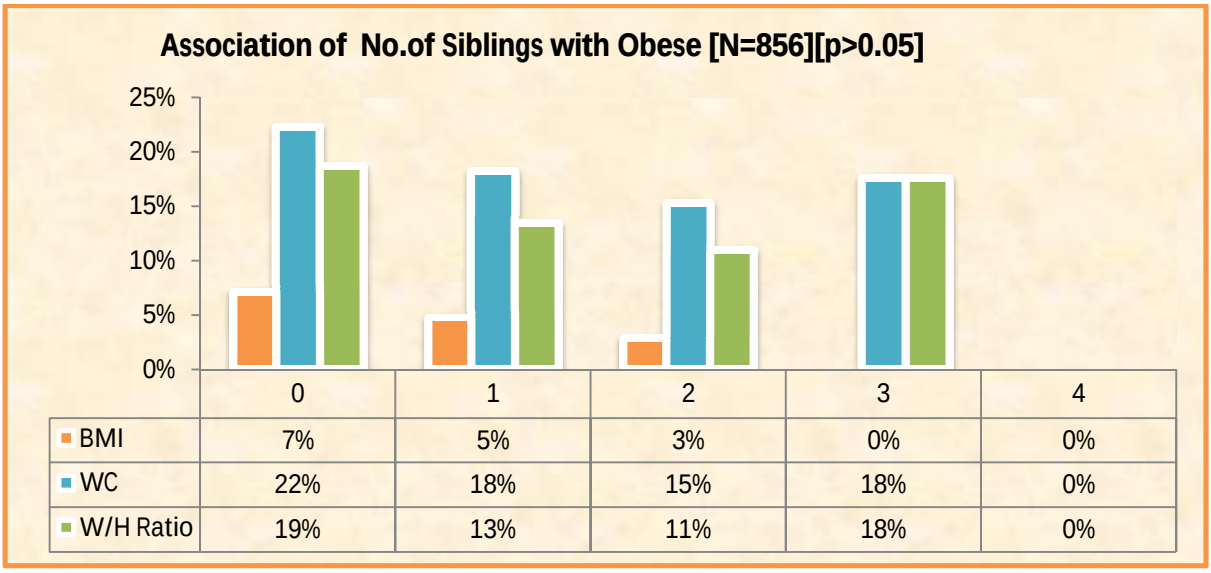
NUMBER OF SIBLINGS AND OBESITY

According to this study there is decrease in obese children if they have more than 2 siblings.

Table : 13 Association of No. of siblings with Obese in study population

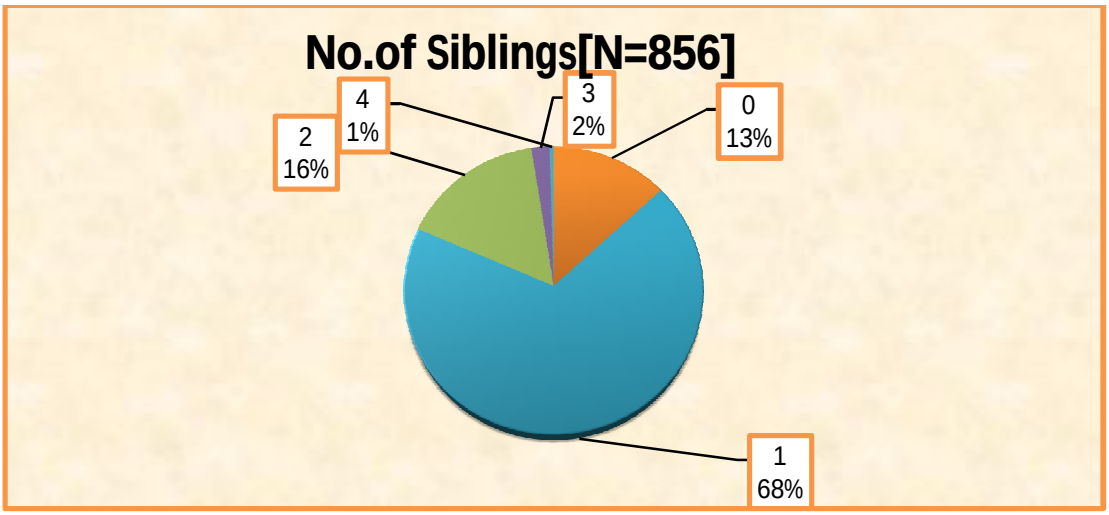
Association of No. of siblings with Obese in study population				
		OBESE		
Siblings	**Total**	BMI	WC	W/H Ratio
0	112	8	25	21
1	586	28	107	79
2	137	4	21	15
3	17	0	3	3
4	4	0	0	0

Figure : 35 Association of No. of Siblings with Obese



Majority of the children have one sibling which accounts for 68% followed by rest.

Figure : 36 Siblings with Obese



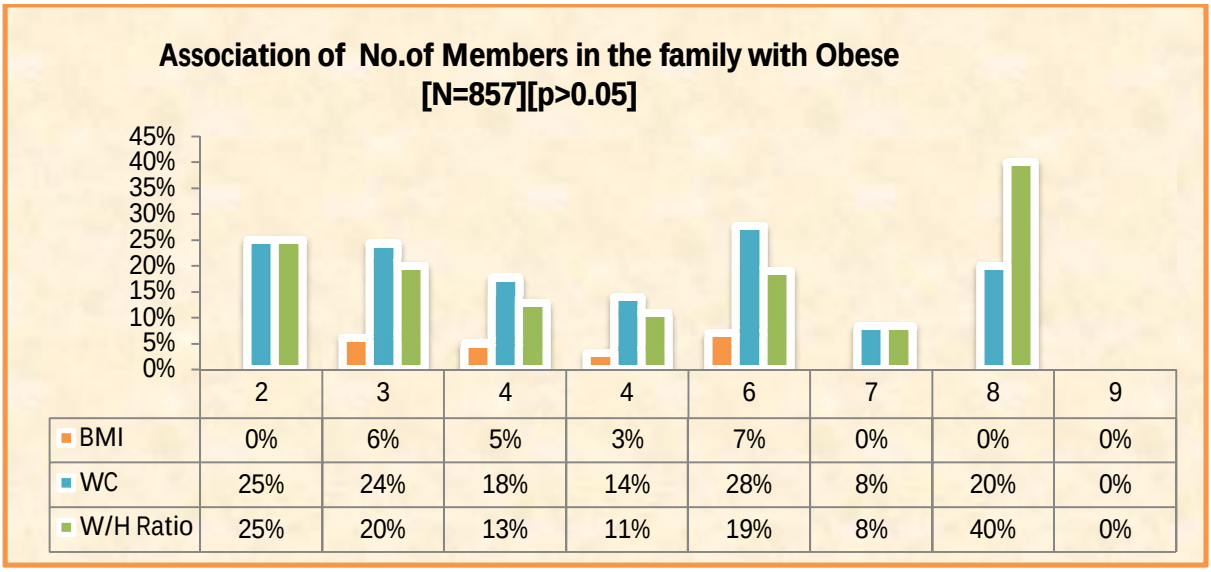
NUMBER OF FAMILY MEMBERS AND OBESITY

According to this study obese children are less if the family members are more than 6.

Table : 14 Association of No.of members in the Family with Obese in study population

Association of No.of members in the Family with Obese in study population				
		OBESE		
No.of Members	**Total**	BMI	WC	W/H Ratio
2	4	0	1	1
3	115	7	28	23
4	468	23	83	60
4	194	6	27	21
6	58	4	16	11
7	12	0	1	1
8	5	0	1	2
9	1	0	0	0

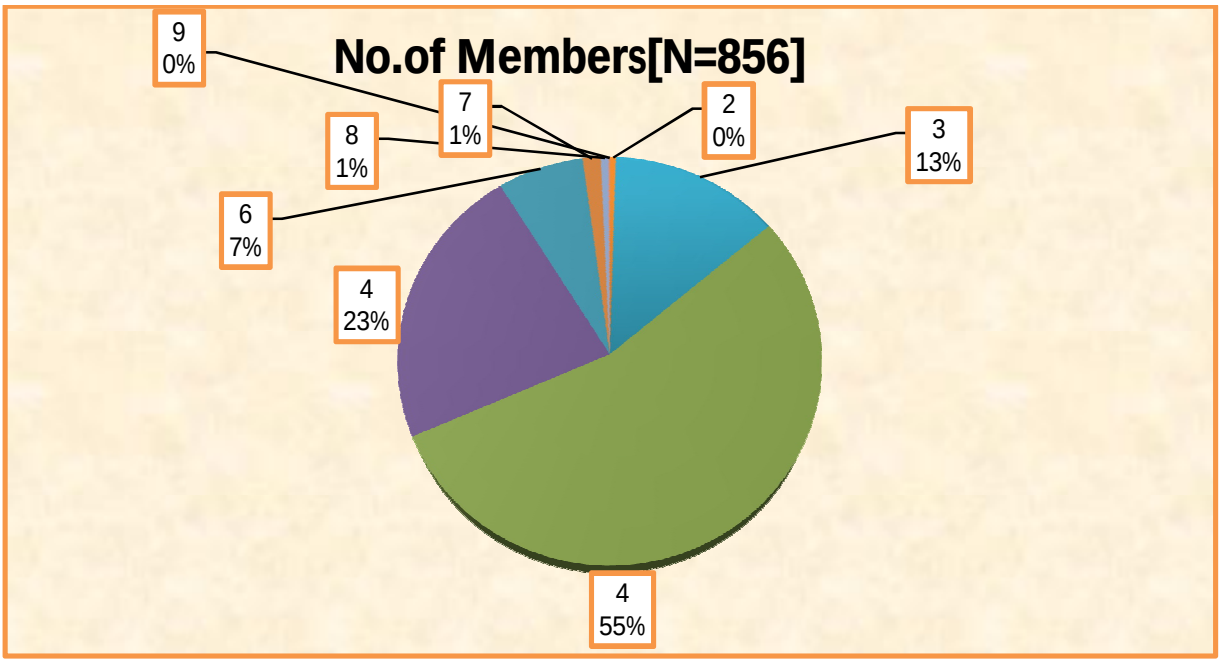
Figure : 37 Association of No. of Members in the family with Obese



	2	3	4	4	6	7	8	9
BMI	0%	6%	5%	3%	7%	0%	0%	0%
WC	25%	24%	18%	14%	28%	8%	20%	0%
W/H Ratio	25%	20%	13%	11%	19%	8%	40%	0%

Most of the children live in a family of four members, around 55% .

Figure : 38 No. of Family Members



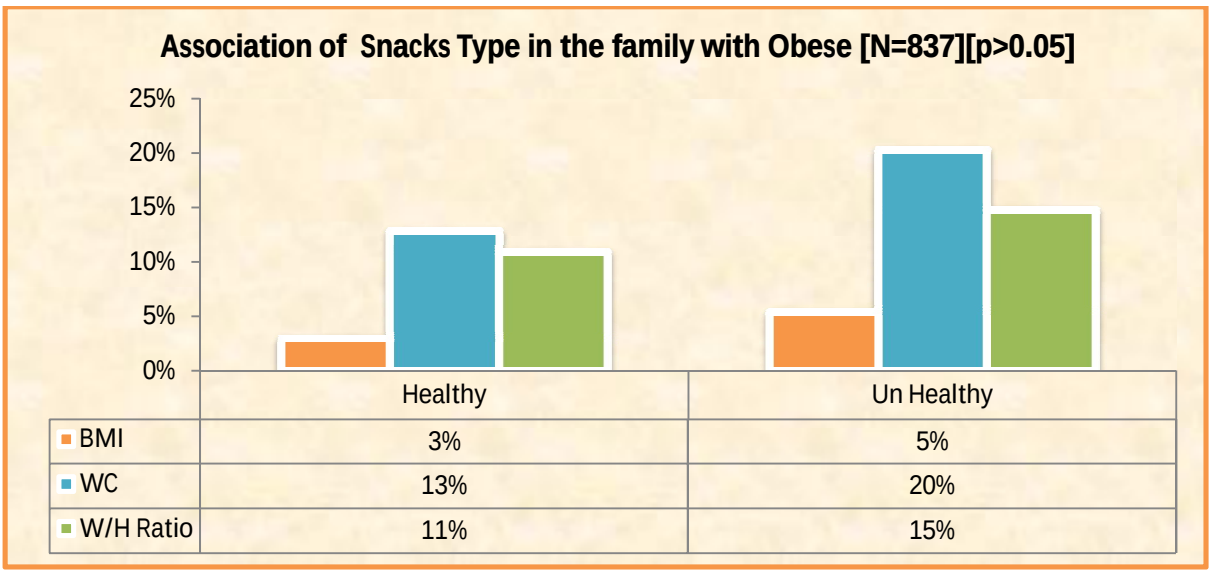
ASSOCIATION OF SNACK TYPES WITH OBESITY

According to this study, obesity is more in children who eat unhealthy snacks.

Table : 15 Association of Snacks eaten every day with Obese in study population

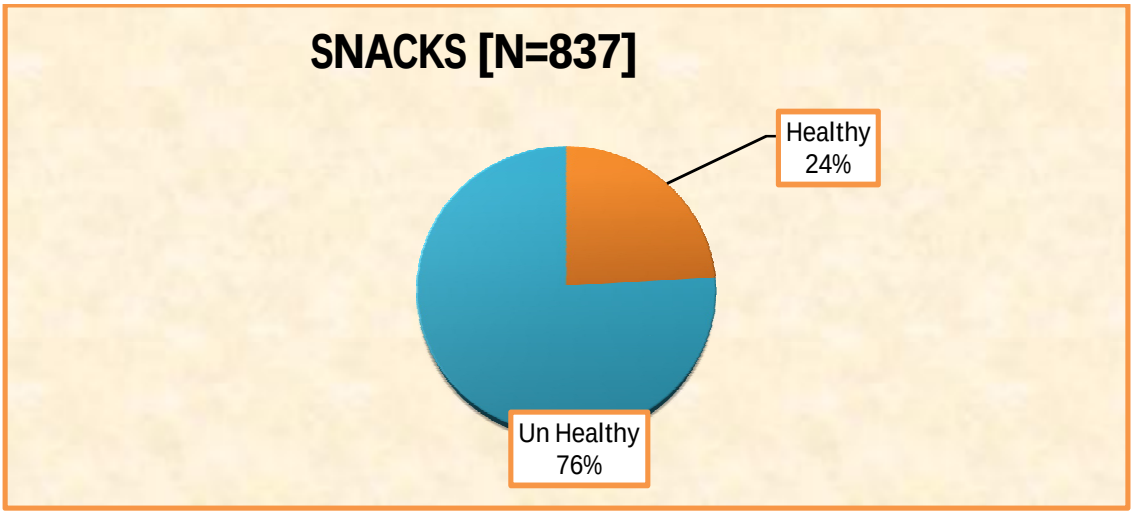
Association of Snacks eaten every day with Obese in study population				
		OBESE		
Snacks type	**Total**	BMI	WC*	W/H Ratio
Healthy	202	6	26	22
Un Healthy	635	34	129	94
* --> Significant at <0.05 level				

Figure : 39 Association of Snacks Type in the family with Obese



Almost 75% of children consume unhealthy snacks.

Figure : 40 Snacks and Obesity



NUMBER OF HOURS OF SCREEN VIEWING TIME WITH OBESITY

According to this study, the children with screen viewing time of more than 3 hours have risk of developing obesity.

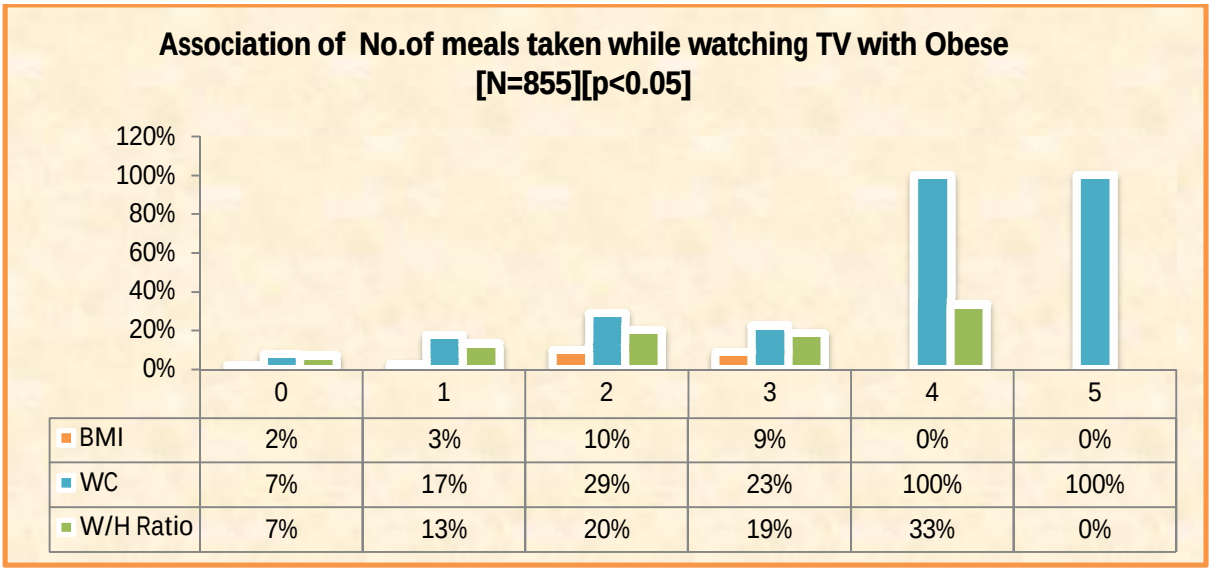
NUMBER OF MEALS TAKEN WHILE WATCHING ELECTRONIC GADGETS AND OBESITY

According to this study, obesity is found more in children who eat more than 3 meals while watching TV or using other electronic gadgets.

Table : 16 Association of No.of meals taken while watching TV with Obese in study population

Association of No.of meals taken while watching TV with Obese in study population				
		OBESE		
No.of Meals	**Total**	BMI*	WC*	W/H Ratio*
0	187	4	14	13
1	403	11	70	53
2	159	16	46	32
3	102	9	23	19
4	3	0	3	1
5	1	0	1	0
* --> Significant at <0.05 level				

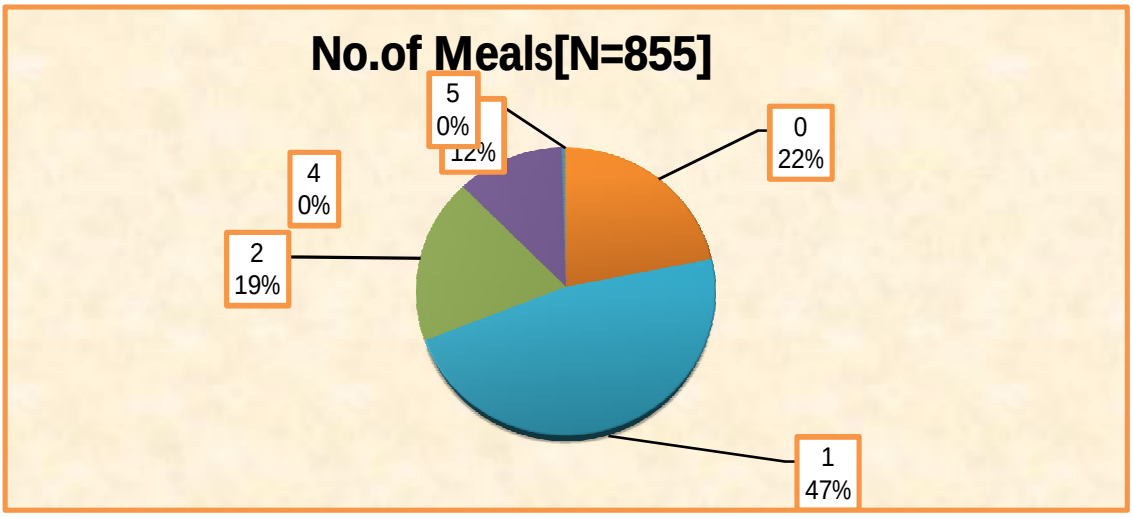
Figure : 41 Association of No.of meals taken while watching TV with Obese



	0	1	2	3	4	5
BMI	2%	3%	10%	9%	0%	0%
WC	7%	17%	29%	23%	100%	100%
W/H Ratio	7%	13%	20%	19%	33%	0%

Only 22% of children in our study eat food without watching or using other gadgets. Around 47% have one meal along with watching TV.

Figure : 42 No of Meals during screen viewing time



EXTRA CURRICULAR ACTIVITIES AND OBESITY

According to this study, obesity is more in children who play more indoor activities when compared with children who play outdoor activities.

Table : 17 Association of Extra Curricular activites with Obese in study population

Association of Extra Curricular activites with Obese in study population				
		OBESE		
Extra Curricular Activities	**Total**	BMI*	WC*	W/H Ratio*
Indoor	329	34	126	94
Outdoor	529	6	31	25
* --> Significant at <0.05 level				

Figure : 43 Association of Extra Curricular activities with Obese

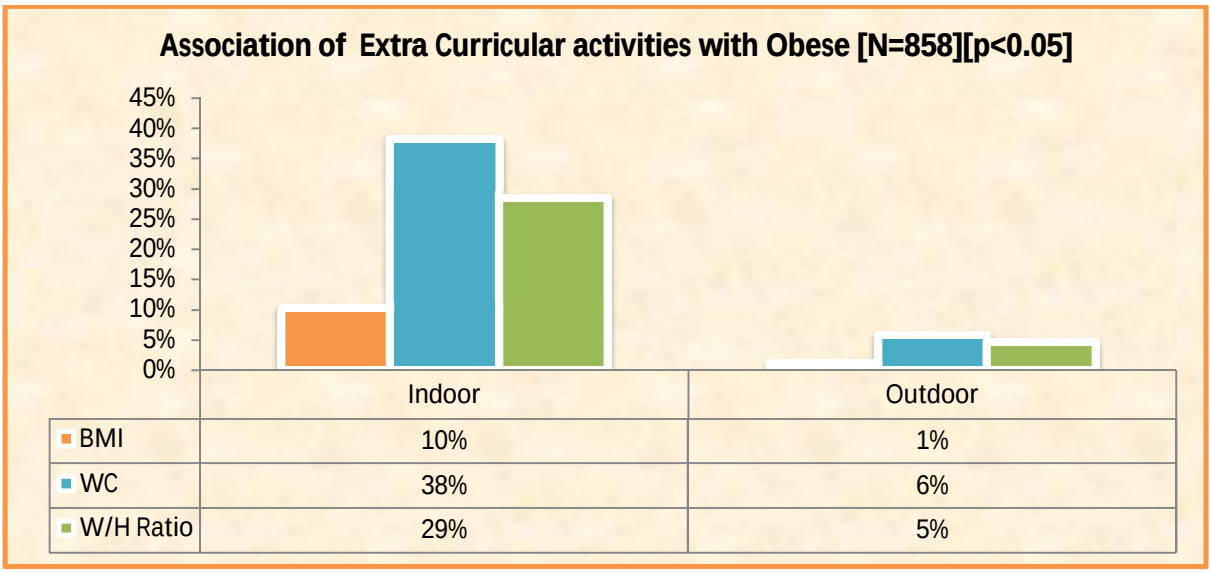
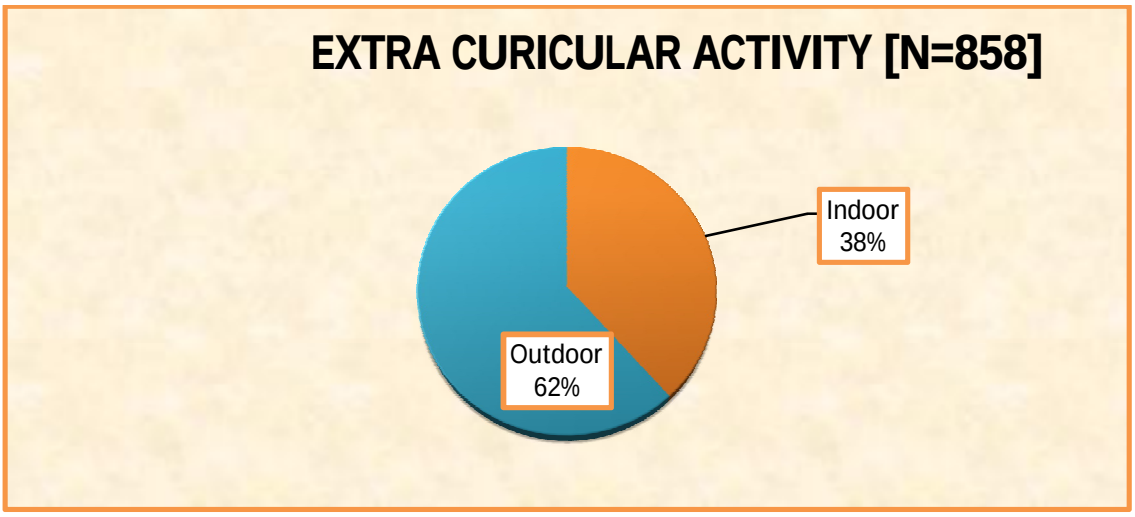


Table : 18 ODDS RATIO - Indoor Activity

ODDS RATIO - Indoor			
		BMI	10.046 [95% CI : 4.168 - 24.21]
		WC	9.971 [95% CI : 6.515 -15.259]
		W/H ratio	8.064 [95% CI : 5.053 - 12.869]

Most of the children predominantly play outdoor games only, 68%.

Figure : 44 Extra Curricular activities



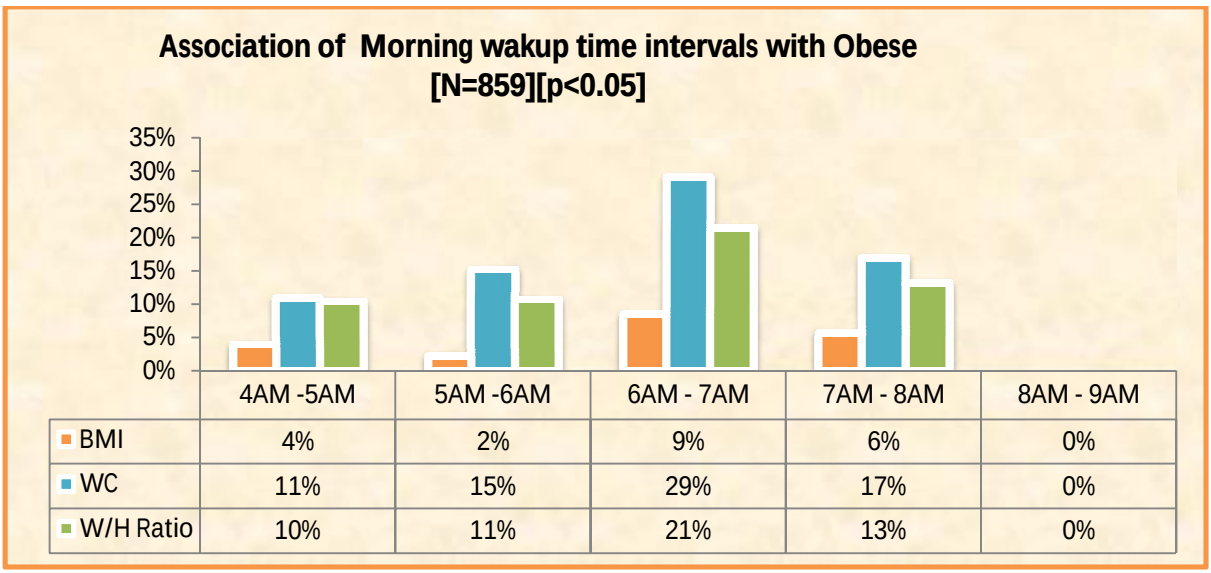
MORNING WAKING UP TIME AND OBESITY

According to this study, the risk for developing obesity is more for children who wake up after 6 am.

Table : 19 Association of Morning wakingup time Intervals with Obese in study population

Association of Morning wakingup time Intervals with Obese in study population				
		OBESE		
Time	**Total**	BMI*	WC*	W/H Ratio*
4AM -5AM	202	8	22	21
5AM -6AM	354	8	54	38
6AM - 7AM	247	21	72	53
7AM - 8AM	53	3	9	7
8AM - 9AM	3	0	0	0
* --> Significant at <0.05 level				

Figure : 45 Association of Morning wake up time intervals with Obese

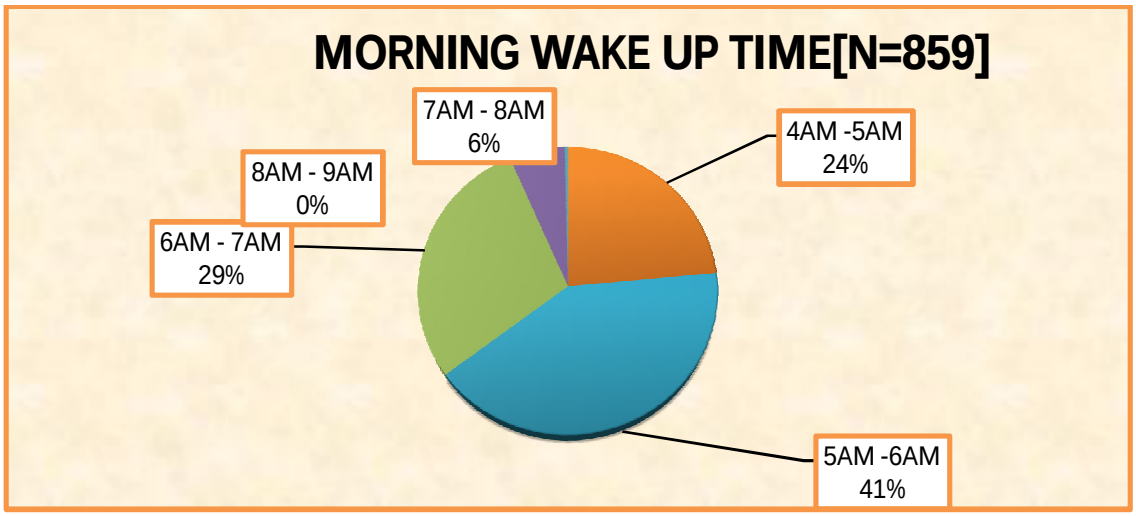


	4AM -5AM	5AM -6AM	6AM - 7AM	7AM - 8AM	8AM - 9AM
BMI	4%	2%	9%	6%	0%
WC	11%	15%	29%	17%	0%
W/H Ratio	10%	11%	21%	13%	0%

The majority of kids around 41% wake up between 5 and 6 am.

Around 53 children wake up after 7 am, and almost 20% of them are obese.

Figure : 46 Morning Wake Up Time



NIGHT SLEEPING TIME AND OBESITY

According to this study, obesity is more in children who sleep after 10 pm.

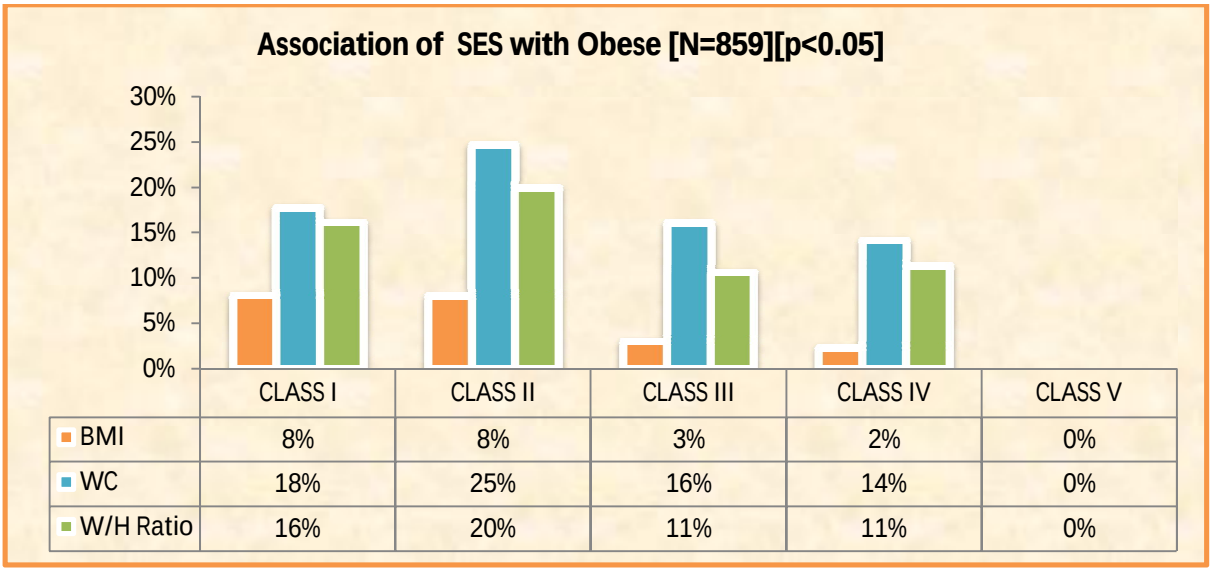
SOCIO ECONOMIC STATUS AND OBESITY

According to this study, obesity is more in class 2 followed by class 1.

Table : 20 Association of SES with Obesity

Association of SES with Obese in study population				
		OBESE		
SES	**Total**	BMI*	WC*	W/H Ratio*
CLASS I	62	5	11	10
CLASS II	251	20	62	50
CLASS III	367	11	59	39
CLASS IV	177	4	25	20
CLASS V	2	0	0	0
* --> Significant at <0.05 level				

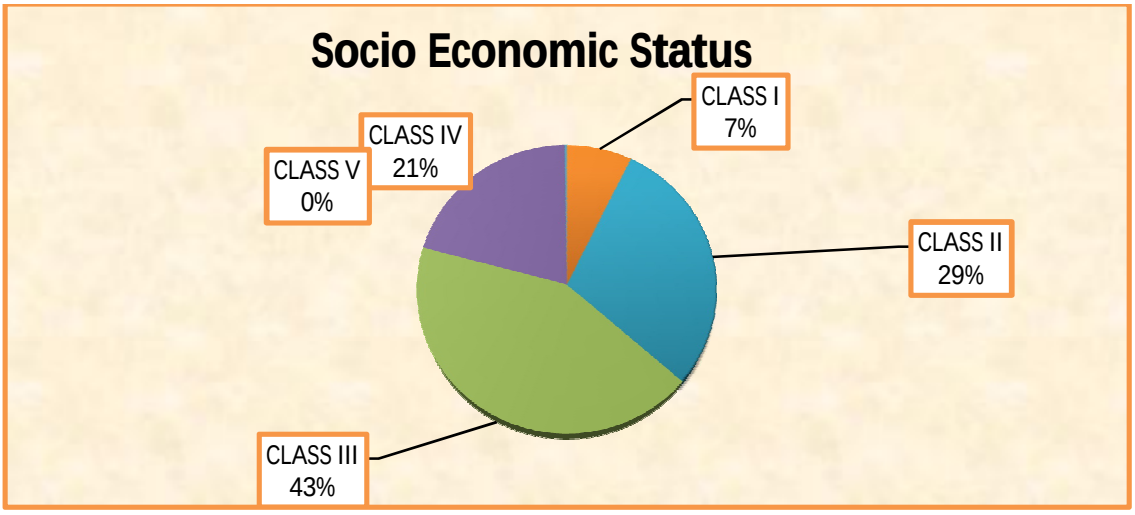
Figure : 47 Association of SES with Obese



Most of the children, 43% belong to class 3 of Modified Kuppusamy Scale.

There is no one in class 5.

Figure : 48 Socio Economic Status



The below table shows the mean of the variables with obesity for BMI

Table : 21 Mean of Clinical Variables with Obesity as per BMI

Mean of Clinical Variables with Obesity as per BMI								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	13.1	1.37	12.64	13.51	11	15	
	NO	13.0	1.43	12.89	13.09	11	15	>0.05
	Total	13.0	1.42	12.90	13.09	11	15	
Father Age	YES	43.5	3.90	42.23	44.72	35	55	
	NO	42.7	5.25	42.30	43.03	31	80	>0.05
	Total	42.7	5.19	42.35	43.05	31	80	
Mother Age	YES	38.0	4.92	36.45	39.60	30	50	
	NO	37.4	5.03	37.06	37.75	23	67	>0.05
	Total	37.4	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	3.3	1.43	2.88	3.79	0	6	
	NO	2.4	1.87	2.29	2.55	0	12	<0.01
	Total	2.5	1.86	2.34	2.59	0	12	
Night sleeping time	YES	10.1	0.88	9.82	10.38	8	12	
	NO	9.7	1.09	9.65	9.80	1	12.3	<0.05
	Total	9.7	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.3	0.88	5.99	6.55	4	8	
	NO	5.9	0.99	5.83	5.96	4	9	<0.05
	Total	5.9	0.99	5.85	5.98	4	9	
Weight	YES	57.4	11.40	53.78	61.07	35	89	
	NO	40.8	8.15	40.23	41.35	22	71	<0.001
	Total	41.6	9.03	40.96	42.17	22	89	
Height	YES	142.8	12.59	138.80	146.85	120	167	
	NO	150.1	9.58	149.39	150.71	115	177	<0.001
	Total	149.7	9.85	149.05	150.37	115	177	
BMI	YES	28.2	4.51	26.73	29.61	22.52	41.6	
	NO	18.1	2.87	17.86	18.25	11.9	26.89	<0.001
	Total	18.5	3.65	18.28	18.77	11.9	41.6	
WC	YES	77.60	4.67	76.11	79.09	70	97	
	NO	64.67	8.25	64.10	65.23	30	93	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.55	0.05	0.53	0.56	0.48	0.66	
	NO	0.43	0.05	0.43	0.43	0.2	0.65	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

The below table shows the mean of the variables with obesity for WC

Table : 22 Mean of Clinical Variables with Obesity as per WC

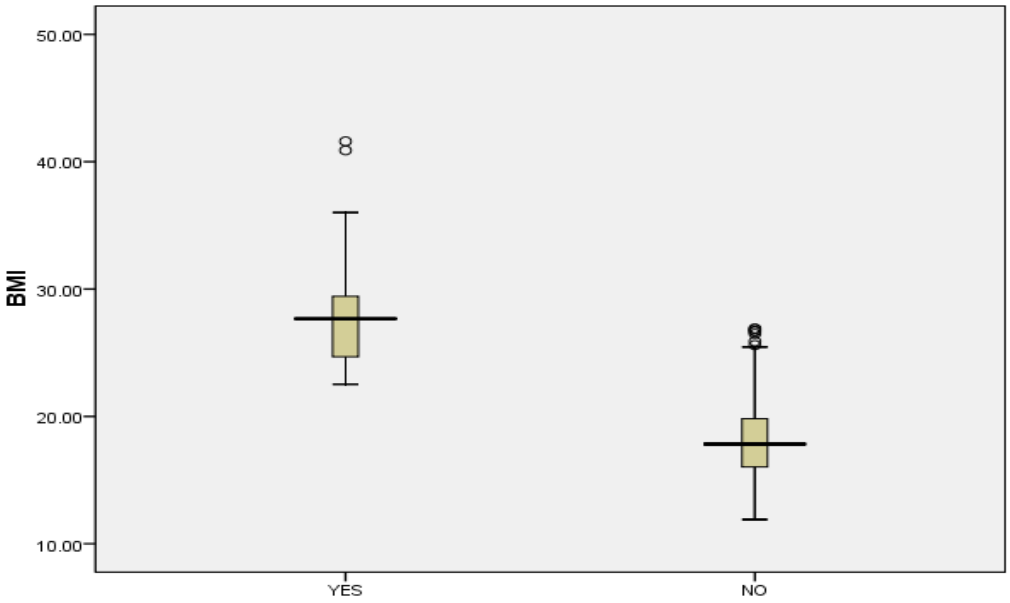
Mean of Clinical Variables with Obesity as per WC								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	12.94	1.40	12.72	13.16	11	15	
	NO	13.01	1.43	12.90	13.11	11	15	>0.05
	Total	13.00	1.42	12.90	13.09	11	15	
Father Age	YES	43.11	4.26	42.43	43.79	32	55	
	NO	42.61	5.38	42.21	43.01	31	80	>0.05
	Total	42.70	5.19	42.35	43.05	31	80	
Mother Age	YES	37.73	4.46	37.02	38.43	29	52	
	NO	37.37	5.14	36.99	37.75	23	67	>0.05
	Total	37.44	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	3.12	1.64	2.86	3.38	0	12	
	NO	2.31	1.87	2.17	2.45	0	12	<0.01
	Total	2.46	1.86	2.34	2.59	0	12	
Night sleeping time	YES	9.95	0.83	9.82	10.08	8	12	
	NO	9.70	1.13	9.62	9.78	1	12.3	<0.01
	Total	9.75	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.16	0.85	6.02	6.29	4	8	
	NO	5.86	1.01	5.78	5.93	4	9	<0.05
	Total	5.91	0.99	5.85	5.98	4	9	
Weight	YES	51.42	9.23	49.97	52.88	30	89	
	NO	39.36	7.36	38.82	39.91	22	70	<0.001
	Total	41.57	9.03	40.96	42.17	22	89	
Height	YES	149.23	11.27	147.46	151.01	115	170	
	NO	149.82	9.51	149.12	150.53	120	177	>0.05
	Total	149.71	9.85	149.05	150.37	115	177	
BMI	YES	23.22	4.21	22.55	23.88	13.16	41.6	
	NO	17.48	2.52	17.29	17.66	11.9	28.4	<0.001
	Total	18.53	3.65	18.28	18.77	11.9	41.6	
WC	YES	77.23	5.11	76.43	78.04	67	97	
	NO	62.59	6.69	62.10	63.09	30	92	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.52	0.05	0.51	0.53	0.45	0.66	
	NO	0.42	0.04	0.42	0.42	0.2	0.59	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

The below table shows the mean of the variables with obesity for WHR

Table : 23 Mean of Clinical variables with Obesity as per WHR

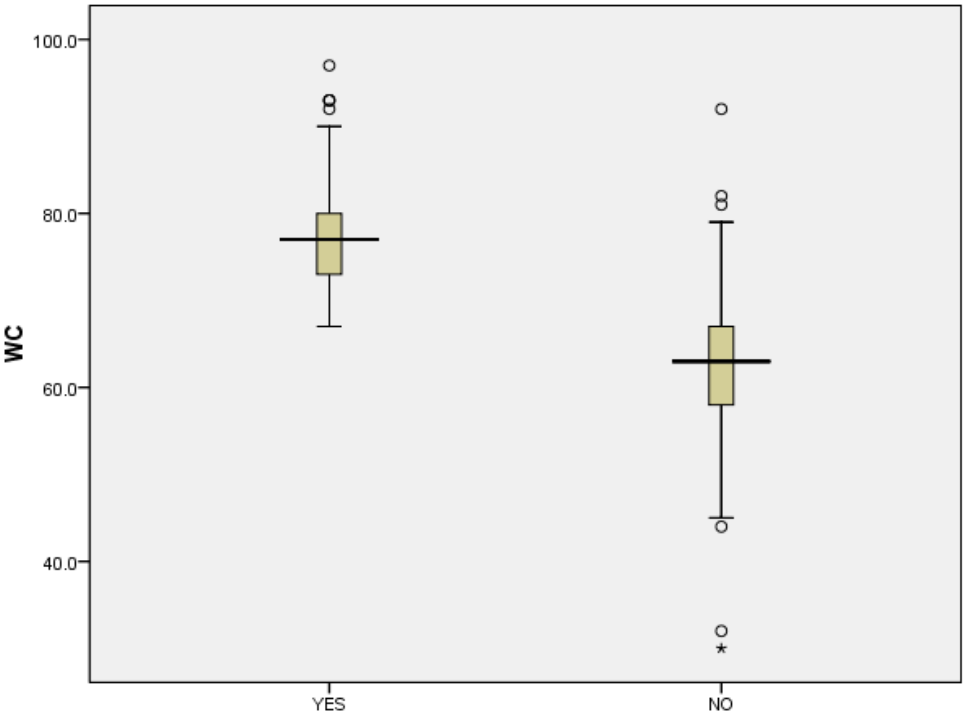
Mean of Clinical Variables with Obesity as per W/H ratio								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	13.22	1.34	12.98	13.46	11	15	
	NO	12.96	1.43	12.86	13.06	11	15	>0.05
	Total	13.00	1.42	12.90	13.09	11	15	
Father Age	YES	43.42	4.28	42.63	44.21	32	55	
	NO	42.59	5.32	42.20	42.98	31	80	>0.05
	Total	42.70	5.19	42.35	43.05	31	80	
Mother Age	YES	37.76	4.60	36.93	38.60	29	52	
	NO	37.38	5.09	37.01	37.75	23	67	>0.05
	Total	37.44	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	2.99	1.50	2.72	3.26	0	9	
	NO	2.38	1.90	2.24	2.51	0	12	<0.01
	Total	2.46	1.86	2.34	2.59	0	12	
Night sleeping time	YES	9.87	0.84	9.72	10.02	8	12	
	NO	9.73	1.12	9.65	9.81	1	12.3	>0.05
	Total	9.75	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.09	0.88	5.93	6.25	4	8	
	NO	5.88	1.00	5.81	5.96	4	9	<0.05
	Total	5.91	0.99	5.85	5.98	4	9	
Weight	YES	52.00	10.35	50.12	53.88	30	89	
	NO	39.89	7.56	39.34	40.43	22	70	<0.001
	Total	41.57	9.03	40.96	42.17	22	89	
Height	YES	146.05	11.91	143.89	148.22	115	169	
	NO	150.30	9.35	149.63	150.98	120	177	<0.001
	Total	149.71	9.85	149.05	150.37	115	177	
BMI	YES	24.39	4.13	23.64	25.14	13.16	41.6	
	NO	17.58	2.51	17.40	17.76	11.9	28.4	<0.001
	Total	18.53	3.65	18.28	18.77	11.9	41.6	
WC	YES	78.11	5.47	77.11	79.10	60	97	
	NO	63.20	7.04	62.69	63.71	30	92	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.54	0.04	0.53	0.54	0.45	0.66	
	NO	0.42	0.04	0.42	0.42	0.2	0.59	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

Figure : 49 Obesity as per BMI



The below table shows the mean of the variables with obesity for WC.

Figure : 50 Obesity as per WC



The below table shows the mean of the variables with obesity for WHR.

Figure : 51 Obesity as per W/H ratio

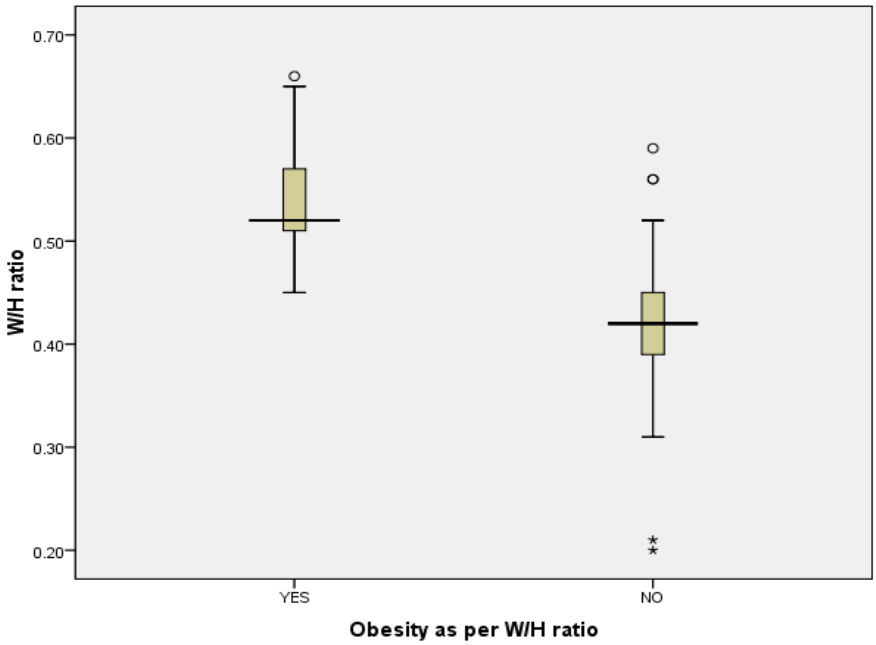


Figure : 52 ROC CURVE

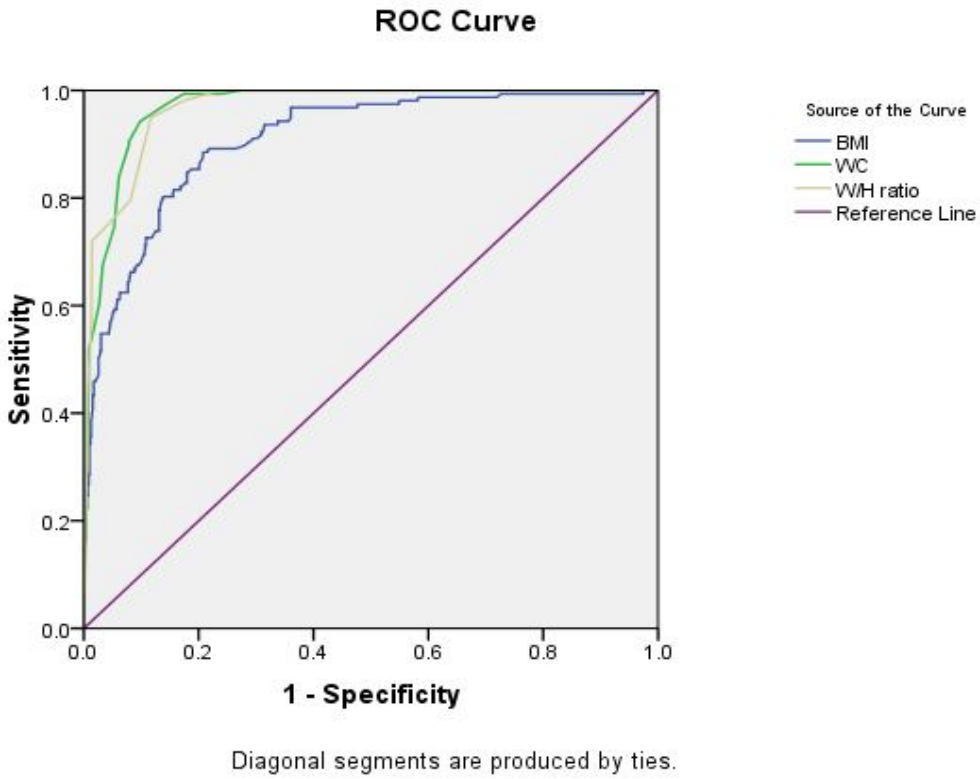


TABLE : 24 Area under the Curve

Area Under the Curve					
Test Result Variable(s)	Area	Std. Error[a]	Asymptotic Sig.[b]	Asymptotic 95% Confidence Interval	
				Lower Bound	Upper Bound
BMI	0.909	0.013	0.000	0.884	0.934
WC	0.969	0.005	0.000	0.959	0.979
W/H ratio	0.968	0.005	0.000	0.957	0.978
The test result variable(s): BMI, WC, W/H ratio has at least one tie between the positive actual state group and the negative actual state group. Statistics may be biased.					
a. Under the nonparametric assumption					
b. Null hypothesis: true area = 0.5					

The above diagram shows the ROC curve and the sensitivity of the three indices.

STATISTICAL ANALYSIS

Statistical Analysis:

The data are reported as the mean +/- SD or the median, depending on their distribution. The differences in quantitative variables between groups were assessed by means of the unpaired t test. Comparison between groups was made by the Non parametric Mann - Whitney test ANOVA was used to assess the quantitative variables. A Chi Square test was used to assess differences in categoric variables between groups. ROC curve and Odds ratio were performed.

A p value of <0.05 using a two-tailed test was taken as being of significance for all statistical tests. All data were analysed with a statistical software package .(SPSS, version 16.0 for windows)

DISCUSSION

The principal outcome of the study was to estimate the prevalence of obesity in 11 to 15 year old school children using BMI, WC and WHR. When compared with other studies which were done in urban schools the prevalence is within the range of 1-13% and when WC is used the prevalence is 18%, which is slightly higher.

Much studies have not been conducted using all three parameters for estimation of obesity and hence in this study we could estimate that by using WC for estimating obesity, then the prevalence increases by 13.6% and by using WHR the estimation of obesity increases by 9.2% and by using combined WC and WHR the estimation of obesity increases by 11.4% than BMI which only estimates 5% of obesity. Thus if only a single factor such as BMI is used obesity may be underdiagnosed.

Obesity, in this study, is also more in private schools when compared with government schools similar to other studies and more in females which is also similar in other studies.

Various risk factors like number of hours of screen viewing time, number of meals consumed during that time, more indoor activities and late night sleep which are statistically significant and which increase the risk of obesity has been studied.

Other details like the educational status of parents, their profession, family income and the socio-economic status have been studied.

Details like family size and the number of siblings have been studied. Though not all the variables are statistically significant the risk of not becoming obese with increased family members and more siblings has been studied.

SUMMARY

- Total no of children included in the study-860 170 children were included in each group from 11-15 years.
- Number of males -340 and the number of females-520
- The total number of children from private school-460 and the number of children from government school -400
- From this study, the prevalence is according to BMI - 5% are obese, WC - 18% are obese, WHR - 14% are obese.

  The effect size - by WC more than BMI in estimating obesity is 14% .

- Obesity is more in children between 12-14 yrs than 11 1nd 15 yrs.
- Obesity is more in females in all age groups.
- Obese children are more in class 8 followed by class 7 and 9.
- Obesity is more in private schools when compared to government schools.
- Obese children are more for both father and mother who are semi skilled and those who are business men and agriculturists.
- Obese children are more in families who earn between Rs.12,000 and Rs.32,000.
- Children with screen viewing time of more than 3 hours are obese.
- Obesity is found more in children who eat more than 3 meals while

watching TV or using other electronic gadgets.

- Obesity is more in children who are involved in indoor activities.
- Obesity is more for children who wake up after 6 am.
- Obesity is more in children who sleep after 10 pm.
- Obesity is more in SES class 2 followed by class 1.

CONCLUSION

- Obesity is becoming a public health problem in our country.
- The overall prevalence of obesity in our study is within the same range as compared to other studies.

  If obesity is estimated using only BMI, obesity may be underdiagnosed.
- Major factors which influence the prevalence of obesity are increased number of hours of screen viewing time, number of meals consumed during that time, more indoor activities and late night sleep.

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DATE OF ASSESSMENT :

1. NAME: 2. AGE: 3. SEX: MALE / FEMALE

4. D.O.B: 5. STANDARD:

6. NAME OF SCHOOL:

7. FATHER'S NAME: 8. AGE: 9. EDU. QUAL: 10. OCCUPATION:

11. MOTHER'S NAME: 12. AGE: 13. EDU. QUAL: 14. OCCUPATION:

15. MONTHLY INCOME OF FAMILY :

16. LIVING WITH : PARENT / GRAND PARENT / GUARDIAN

17. NO OF SIBLINGS : BROTHER: SISTER:

18. NO OF MEMBERS IN FAMILY :

19. SNACKS EATEN EVERY DAY :

20. NO OF HOURS WATCHING TV :

21. NO OF MEALS TAKEN WATCHING TV :

22. EXTRA CURRICULAR ACTIVITIES : INDOOR / OUTDOOR DAYS / WEEK:

23. NIGHT SLEEPING TIME : 5 DAYS / WEEK:

24. MORNING WAKING TIME : 5 DAYS / WEEK:

25. ANY DOCUMENTED MEDICAL ILLNESS IN SCHOOLHEALTH RECORD :

IF YES :

26. ANY OBVIOUS EXTERNAL ANOMALY :

27. SOCIOECONOMICS STATUS :

28. WEIGHT IN KG :

29. HEIGHT IN CM :

30. WAIST CIRCUMFERENCE IN CM :

31. BMI :

32. WAIST HEIGHT RATIO :

33. OBESITY AS PER BMI:

34. OBESITY AS PER WAIST CIRCUMFERENCE :

35. OBESITY AS PER WAIST HEIGHT RATIO :

xggpj;gotk;

gs;spbgah; :

Kfthp :

muRnfhitkUj;Jtf;fy;Yhhpapy;bghJkUj;Jt Jiwapy;glhl;nkwgoggpaYk;khztp **M.mUe;jjp**mth;fs;nkwpbfhs;Sk;"**nfhitkhtl;ljjpy;11-15taJcss;sgs;spbry;Yk;FHe;ijfspd;cly;gUkidMuha;jy;**" gwwpa Ma;tpy; bra;Kiw kwWk; midj;Jtpsf;f';fisak;nfl;Lf;bfhz;L vdJ ren;jf';fis bjhptpgLj;jpf;bfhz;nld;vdgij bjhptpj;Jf;bfhs;fpnwd;

ehd;,e;j Ma;tpy;,e;j gs;spFHe;ijfis fye;Jbfhs;s KGrkak;jj;JlDk;/Rarpe;jidapDk; rkak;jpf;fpnwd;

,e;j Ma;tpy; gs;spFHe;ijfs; gwwpa midj;Jtpgu';fs; ghJfhf;fg;gLtJld; ,jd; Kot[fs; Ma;tpjHpy; btspapLggLtjpy; Mlnrgiz ,y;iy vdgij bjhptpj;Jf;bfhs;fpnwd;ve;j neuj;jpYk;,e;j Ma;tpy; ,Ue;J ehd; tpyfpf;bfhs;s vdfF chpik czL vdgijak;mwpntd;

,lk;

njjp

ANNEXURE - 2

REVISED TABLE FOR SCALES IN 2012 TO DEFINE SOCIOECONOMIC STATUS

(A) Education Score		
1	Profession or Honours	*7*
2	Graduate or post graduate	*6*
3	Intermediate or post high school diploma	*5*
4	High school certificate	*4*
5	Middle school certificate	*3*
6	Primary school certificate	*2*
7	Illiterate	*1*

(B) Occupation Score		
1	Profession	*10*
2	Semi-Profession	*6*
3	Clerical, Shop-owner, Farmer	*5*
4	Skilled worker	*4*
5	Semi-skilled worker	*3*
6	Unskilled worker	*2*
7	Unemployed	*1*

(C) Monthly family income in Rs		*Score*	*Modified for 1998* [3] *in* Rs	Modified for 2012 in Rs
1	≥ 2000	*12*	≥ 13500	≥32050
2	1000-1999	*10*	6750 - 13499	*16020 – 32049*
3	750-999	*6*	5050 - 6749	*12020 – 16019*
4	500-749	*4*	3375 - 5049	*8010 – 12019*
5	300-499	*3*	2025 - 3374	*4810 – 8009*
6	101-299	*2*	676 - 2024	*1601 – 4809*
7	≤ 100	*1*	≤ 675	*≤ 1600*

Total Score	Socioeconomic class
26-29	Upper (I)
16-25	Upper Middle (II)
11-15	Middle/Lower middle (III)
5-10	Lower/Upper lower (IV)
<5	Lower (V)

ANNEXURE - 3

HEIGHT(cm) CENTILES AND STANDARD DEVIATION FOR BOYS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	99.0	102.3	105.6	108.9	112.4	115.9	119.4	5.7
5.5	101.6	105.0	108.4	111.9	115.4	119.0	122.7	5.3
6.0	104.2	107.7	111.2	114.8	118.5	122.2	126.0	5.6
6.5	106.8	110.4	114.0	117.8	121.6	125.4	129.3	5.5
7.0	109.3	113.0	116.8	120.7	124.6	128.6	132.6	5.9
7.5	111.8	115.7	119.6	123.5	127.6	131.7	135.9	5.7
8.0	114.3	118.2	122.3	126.4	130.5	134.8	139.1	6.3
8.5	116.7	120.8	124.9	129.1	133.4	137.8	142.2	6.1
9.0	119.0	123.2	127.5	131.8	136.3	140.7	145.3	6.4
9.5	121.3	125.6	130.0	134.5	139.1	143.7	148.3	6.4
10.0	123.6	128.1	132.6	137.2	141.9	146.6	151.4	6.8
10.5	125.9	130.5	135.2	139.9	144.7	149.5	154.4	6.5
11.0	128.2	133.0	137.8	142.7	147.6	152.5	157.5	7.6
11.5	130.7	135.6	140.6	145.5	150.5	155.6	160.6	7.3
12.0	133.2	138.3	143.3	148.4	153.5	158.6	163.7	8.1
12.5	135.7	141.0	146.2	151.4	156.5	161.7	166.8	7.9
13.0	138.3	143.7	149.0	154.3	159.5	164.7	169.9	9.0
13.5	140.9	146.4	151.8	157.2	162.4	167.6	172.7	8.4
14.0	143.4	149.0	154.5	159.9	165.1	170.3	175.4	9.0
14.5	145.8	151.5	157.0	162.3	167.6	172.7	177.7	7.8
15.0	148.0	153.7	159.2	164.5	169.7	174.8	179.7	7.9
15.5	150.0	155.7	161.2	166.5	171.6	176.5	181.4	6.6
16.0	151.8	157.4	162.9	168.1	173.1	178.0	182.7	7.2
16.5	153.4	159.1	164.5	169.6	174.5	179.3	183.8	6.7
17.0	155.0	160.6	165.9	171.0	175.8	180.4	184.8	6.9
17.5	156.6	162.1	167.3	172.3	177.0	181.5	185.8	6.1
18.0	158.1	163.6	168.7	173.6	178.2	182.5	186.7	6.9

ANNEXURE - 4

HEIGHT(cm) CENTILES AND STANDARD DEVIATION FOR GIRLS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	97.2	100.5	103.9	107.5	111.3	115.2	119.3	5.4
5.5	99.8	103.2	106.8	110.5	114.4	118.3	122.5	5.7
6.0	102.3	106.0	109.7	113.5	117.4	121.5	125.6	5.8
6.5	104.9	108.7	112.5	116.5	120.5	124.6	128.7	5.5
7.0	107.4	111.4	115.4	119.4	123.5	127.7	131.9	6.1
7.5	110.0	114.1	118.2	122.4	126.6	130.8	135.0	6.0
8.0	112.6	116.8	121.1	125.4	129.6	133.9	138.1	6.2
8.5	115.2	119.6	124.0	128.4	132.7	137.0	141.3	6.8
9.0	117.8	122.4	126.9	131.4	135.8	140.2	144.5	6.9
9.5	120.5	125.2	129.9	134.4	138.9	143.3	147.6	6.6
10.0	123.3	128.1	132.8	137.4	142.0	146.4	150.8	7.8
10.5	126.1	130.9	135.7	140.4	145.0	149.5	153.9	7.3
11.0	128.8	133.7	138.6	143.3	147.9	152.4	156.8	7.9
11.5	131.5	136.4	141.2	145.9	150.6	155.1	159.6	7.1
12.0	134.0	138.9	143.7	148.4	153.0	157.5	162.0	7.0
12.5	136.3	141.1	145.8	150.5	155.1	159.6	164.1	6.7
13.0	138.2	142.9	147.6	152.2	156.8	161.3	165.9	6.9
13.5	139.9	144.5	149.1	153.6	158.2	162.7	167.2	6.0
14.0	141.3	145.8	150.2	154.7	159.2	163.7	168.2	6.6
14.5	142.4	146.8	151.1	155.5	160.0	164.5	169.0	5.9
15.0	143.3	147.5	151.8	156.1	160.5	165.0	169.5	6.6
15.5	144.1	148.1	152.3	156.6	160.9	165.3	169.8	5.9
16.0	144.7	148.6	152.7	156.9	161.2	165.6	170.1	6.1
16.5	145.2	149.1	153.1	157.2	161.4	165.7	170.2	6.4
17.0	145.7	149.5	153.4	157.4	161.6	165.9	170.4	6.5
17.5	146.2	149.8	153.6	157.6	161.7	166.0	170.5	6.7
18.0	146.6	150.2	153.9	157.8	161.9	166.1	170.6	6.6

ANNEXURE - 5

WEIGHT(Kg) CENTILES AND STANDARD DEVIATION FOR BOYS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	13.2	14.3	15.6	17.1	19.0	21.3	24.2	3.2
5.5	13.8	15.0	16.5	18.2	20.3	22.9	26.1	2.9
6.0	14.5	15.8	17.4	19.3	21.7	24.6	28.3	3.6
6.5	15.3	16.8	18.6	20.7	23.3	26.6	30.8	3.8
7.0	16.0	17.6	19.6	21.9	24.9	28.6	33.4	4.2
7.5	16.7	18.5	20.7	23.3	26.6	30.8	36.2	4.9
8.0	17.5	19.5	21.9	24.8	28.5	33.2	39.4	5.7
8.5	18.3	20.5	23.2	26.4	30.5	35.7	42.6	6.5
9.0	19.1	21.5	24.3	27.9	32.3	38.0	45.5	6.3
9.5	19.9	22.4	25.6	29.4	34.3	40.5	48.6	7.0
10.0	20.7	23.5	26.9	31.1	36.3	43.0	51.8	7.9
10.5	21.6	24.6	28.3	32.8	38.5	45.8	55.2	8.3
11.0	22.6	25.9	29.8	34.7	40.9	48.7	58.7	8.9
11.5	23.8	27.3	31.6	36.9	43.5	51.8	62.5	9.3
12.0	24.9	28.7	33.3	39.0	46.0	54.8	66.1	10.0
12.5	26.1	30.2	35.1	41.2	48.6	57.8	69.5	10.6
13.0	27.5	31.8	37.0	43.3	51.1	60.7	72.6	11.3
13.5	29.0	33.6	39.1	45.7	53.8	63.6	75.6	11.4
14.0	30.7	35.5	41.3	48.2	56.4	66.3	78.3	12.1
14.5	32.6	37.7	43.7	50.8	59.1	69.1	80.9	11.6
15.0	34.5	39.8	45.9	53.1	61.6	71.5	83.1	12.1
15.5	36.1	41.6	47.9	55.2	63.6	73.4	84.7	11.2
16.0	37.5	43.1	49.5	56.8	65.2	74.8	85.8	12.2
16.5	38.7	44.4	50.9	58.2	66.6	76.1	86.8	12.6
17.0	39.8	45.6	52.1	59.5	67.8	77.1	87.5	12.3
17.5	40.8	46.7	53.2	60.6	68.7	77.8	88.0	12.3
18.0	41.8	47.7	54.3	61.6	69.7	78.6	88.4	11.3

ANNEXURE - 6

WEIGHT(Kg) CENTILES AND

STANDARD DEVIATION FOR GIRLS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	12.3	13.4	14.8	16.4	18.5	21.3	25.0	2.5
5.5	13.0	14.3	15.7	17.6	19.9	22.9	27.0	3.5
6.0	13.7	15.1	16.7	18.7	21.3	24.6	29.1	3.4
6.5	14.4	15.9	17.7	19.9	22.7	26.3	31.2	4.1
7.0	15.1	16.8	18.7	21.2	24.2	28.2	33.4	4.4
7.5	15.9	17.7	19.9	22.5	25.9	30.1	35.7	4.8
8.0	16.7	18.7	21.1	24.0	27.6	32.2	38.1	5.2
8.5	17.5	19.7	22.3	25.5	29.5	34.4	40.7	6.4
9.0	18.5	20.9	23.7	27.2	31.5	36.7	43.4	6.4
9.5	19.5	22.1	25.3	29.0	33.6	39.3	46.3	6.9
10.0	20.7	23.5	26.9	31.0	36.0	42.0	49.4	7.7
10.5	22.0	25.1	28.8	33.2	38.4	44.8	52.6	8.3
11.0	23.3	26.7	30.7	35.4	41.0	47.7	55.9	8.5
11.5	24.8	28.4	32.6	37.6	43.6	50.6	59.1	9.1
12.0	26.2	30.0	34.5	39.8	46.0	53.4	62.1	9.0
12.5	27.6	31.6	36.3	41.8	48.2	55.8	64.8	9.7
13.0	28.9	33.1	37.9	43.6	50.2	57.9	67.1	9.4
13.5	30.2	34.4	39.4	45.1	51.8	59.7	69.0	9.8
14.0	31.3	35.6	40.6	46.4	53.2	61.1	70.4	9.6
14.5	32.3	36.6	41.7	47.5	54.3	62.2	71.4	9.4
15.0	33.1	37.5	42.5	48.4	55.1	62.9	72.1	9.6
15.5	34.0	38.3	43.3	49.1	55.8	63.5	72.5	8.7
16.0	34.7	39.1	44.0	49.7	56.3	64.0	72.8	8.7
16.5	35.5	39.8	44.7	50.3	56.9	64.4	73.1	9.2
17.0	36.2	40.5	45.3	50.9	57.3	64.7	73.3	8.8
17.5	36.9	41.1	46.0	51.5	57.8	65.0	73.4	9.5
18.0	37.6	41.8	46.6	52.0	58.2	65.3	73.5	10.2

ANNEXURE- 7

BODY MASS INDEX PERCENTILE AND STANDARD DEVIATION FOR BOYS

Age	*3*	*5*	*10*	*25*	*50*	*23 Eq(71)*	*27 Eq(90)*	*SD*
5.0	12.1	12.4	12.8	13.6	14.7	15.7	17.5	1.6
5.5	12.2	12.4	12.9	13.7	14.8	15.8	17.6	1.5
6.0	12.2	12.5	12.9	13.7	14.9	16.0	17.8	1.8
6.5	12.3	12.5	13.0	13.8	15.0	16.1	18.0	1.8
7.0	12.3	12.6	13.1	13.9	15.1	16.3	18.2	1.9
7.5	12.4	12.7	13.2	14.1	15.3	16.5	18.5	2.2
8.0	12.5	12.8	13.3	14.2	15.5	16.7	18.8	2.5
8.5	12.6	12.9	13.4	14.4	15.7	17.0	19.2	2.8
9.0	12.7	13.0	13.5	14.5	15.9	17.3	19.6	2.6
9.5	12.8	13.1	13.7	14.7	16.2	17.6	20.1	2.8
10.0	12.9	13.2	13.8	14.9	16.4	18.0	20.5	3.1
10.5	13.0	13.3	14.0	15.1	16.7	18.3	21.0	3.2
11.0	13.1	13.5	14.1	15.4	17.0	18.7	21.5	3.2
11.5	13.2	13.6	14.3	15.6	17.3	19.1	22.1	3.3
12.0	13.3	13.8	14.5	15.8	17.7	19.5	22.6	3.4
12.5	13.5	13.9	14.6	16.0	17.9	19.8	23.0	3.6
13.0	13.6	14.0	14.8	16.3	18.2	20.2	23.4	3.5
13.5	13.7	14.2	14.9	16.5	18.5	20.5	23.8	3.7
14.0	13.8	14.3	15.1	16.7	18.7	20.8	24.2	3.7
14.5	14.0	14.5	15.3	16.9	19.0	21.1	24.5	3.5
15.0	14.2	14.7	15.5	17.2	19.3	21.4	24.9	3.7
15.5	14.4	14.9	15.8	17.4	19.6	21.7	25.2	3.4
16.0	14.6	15.1	16.0	17.7	19.9	22.0	25.5	3.7
16.5	14.9	15.4	16.3	18.0	20.2	22.4	25.8	3.8
17.0	15.1	15.6	16.6	18.3	20.5	22.6	26.0	3.8
17.5	15.4	15.9	16.8	18.6	20.8	22.9	26.3	3.6
18.0	15.6	16.2	17.1	18.9	21.1	23.2	26.6	3.2

ANNEXURE - 8

BODY MASS INDEX PERCENTILE AND STANDARD DEVIATION FOR GIRLS

Age	*3*	*5*	*10*	*25*	*50*	*23 Eq(75)*	*27 Eq(95)*	*SD*
5.0	11.9	12.1	12.5	13.3	14.3	15.5	18.0	1.4
5.5	11.9	12.2	12.6	13.4	14.4	15.7	18.3	1.7
6.0	12.0	12.2	12.7	13.5	14.5	15.9	18.6	1.7
6.5	12.1	12.3	12.8	13.6	14.7	16.1	18.9	2.0
7.0	12.1	12.4	12.8	13.7	14.9	16.4	19.3	2.1
7.5	12.2	12.5	12.9	13.9	15.1	16.6	19.7	2.2
8.0	12.3	12.6	13.1	14.0	15.3	16.9	20.1	2.3
8.5	12.3	12.7	13.2	14.2	15.6	17.2	20.5	2.7
9.0	12.4	12.8	13.3	14.4	15.8	17.6	21.0	2.7
9.5	12.5	12.9	13.5	14.6	16.1	18.0	21.4	2.8
10.0	12.7	13.1	13.7	14.9	16.5	18.4	21.9	2.9
10.5	12.8	13.2	13.9	15.2	16.8	18.8	22.5	3.1
11.0	13.0	13.4	14.1	15.5	17.2	19.3	23.0	3.1
11.5	13.2	13.7	14.4	15.8	17.6	19.8	23.6	3.3
12.0	13.4	13.9	14.7	16.1	18.0	20.2	24.1	3.2
12.5	13.7	14.2	15.0	16.5	18.4	20.7	24.7	3.3
13.0	13.9	14.4	15.2	16.8	18.8	21.1	25.2	3.2
13.5	14.1	14.6	15.5	17.1	19.1	21.5	25.6	3.5
14.0	14.3	14.9	15.7	17.3	19.4	21.8	25.9	3.4
14.5	14.5	15.1	16.0	17.6	19.7	22.0	26.2	3.3
15.0	14.7	15.2	16.1	17.8	19.9	22.3	26.3	3.4
15.5	14.9	15.4	16.3	18.0	20.1	22.4	26.4	3.1
16.0	15.0	15.6	16.5	18.2	20.3	22.6	26.5	3.1
16.5	15.2	15.8	16.7	18.4	20.4	22.8	26.6	3.2
17.0	15.4	16.0	16.9	18.6	20.6	22.9	26.7	3.0
17.5	15.5	16.1	17.1	18.7	20.8	23.1	26.7	3.1
18.0	15.7	16.3	17.3	18.9	21.0	23.2	26.8	3.6

ANNEXURE -9

SMOOTHED AND WEIGHTED AGE AND SEX SPECIFIC WAIST CIRCUMFERENCE PERCENTILE VALUES (cm) FOR INDIAN CHILDREN 3-16 YEARS OF AGE

Sex	Age (y)	Percentiles							
		5th	10th	25th	50th	75th	85th	90th	95th
Boys	3	42.9	44.0	46.0	48.4	51.1	52.7	53.9	55.7
	4	44.1	45.3	47.4	49.9	52.8	54.5	55.7	57.6
	5	45.2	46.5	48.7	51.5	54.6	56.4	57.8	59.8
	6	46.3	47.6	50.1	53.1	56.5	58.6	60.0	62.4
	7	47.4	48.8	51.5	54.8	58.6	60.9	62.5	65.2
	8	48.5	50.0	52.9	56.6	60.8	63.4	65.2	68.2
	9	49.6	51.3	54.4	58.4	63.1	66.0	68.1	71.5
	10	50.8	52.6	56.0	60.4	65.6	68.8	71.1	74.9
	11	52.2	54.1	57.8	62.5	68.1	71.7	74.2	78.5
	12	53.7	55.7	59.6	64.7	70.7	74.6	77.4	82.0
	13	55.4	57.6	61.7	67.0	73.4	77.5	80.4	85.4
	14	57.4	59.6	63.9	69.4	76.1	80.3	83.4	88.5
	15	59.7	62.0	66.3	72.0	78.7	83.0	86.1	91.3
	16	62.4	64.7	69.0	74.7	81.3	85.5	88.6	93.6
Girls	3	44.3	45.3	47.1	49.3	51.8	53.3	54.4	56.1
	4	44.6	45.7	47.7	50.2	52.9	54.6	55.8	57.7
	5	45.3	46.5	48.7	51.4	54.5	56.4	57.8	59.9
	6	46.3	47.6	49.9	52.9	56.4	58.6	60.1	62.6
	7	47.5	48.9	51.5	54.8	58.7	61.1	62.8	65.6
	8	48.9	50.4	53.2	56.8	61.1	63.8	65.8	69.0
	9	50.5	52.1	55.1	59.0	63.7	66.7	68.9	72.4
	10	52.2	53.9	57.1	61.3	66.4	69.6	72.0	75.9
	11	54.0	55.8	59.2	63.7	69.1	72.5	75.0	79.3
	12	55.8	57.7	61.3	66.0	71.6	75.2	77.9	82.3
	13	57.7	59.7	63.4	68.2	74.0	77.7	80.4	84.9
	14	59.7	61.7	65.4	70.2	76.1	79.7	82.5	87.0
	15	61.7	63.7	67.3	72.1	77.7	81.3	83.9	88.2
	16	63.7	65.6	69.1	73.6	79.0	82.3	84.7	88.6

Age: completed age, e.g. 3 y = 3.00-3.99 y

ANNEXURE - 10

SMOOTHED AND WEIGHTED AGE AND SEX SPECIFIC WAIST - HEIGHT(WHT) RATIO PERCENTILE VALUES FOR INDIAN CHILDREN 3-16 YEARS OF AGE

Sex	Age (y)	Percentiles							
		5th	10th	25th	50th	75th	85th	90th	95th
Boys	3	0.44	0.45	0.47	0.50	0.52	0.54	0.55	0.56
	4	0.43	0.44	0.46	0.49	0.51	0.53	0.54	0.56
	5	0.42	0.43	0.45	0.48	0.51	0.52	0.53	0.55
	6	0.41	0.42	0.45	0.47	0.50	0.51	0.52	0.54
	7	0.40	0.41	0.44	0.46	0.49	0.51	0.52	0.54
	8	0.39	0.41	0.43	0.45	0.48	0.50	0.51	0.53
	9	0.38	0.40	0.42	0.45	0.48	0.49	0.51	0.53
	10	0.38	0.39	0.41	0.44	0.47	0.49	0.50	0.52
	11	0.37	0.38	0.41	0.43	0.47	0.49	0.50	0.52
	12	0.37	0.38	0.40	0.43	0.46	0.48	0.50	0.52
	13	0.36	0.38	0.40	0.43	0.46	0.48	0.50	0.52
	14	0.36	0.38	0.40	0.43	0.46	0.49	0.50	0.52
	15	0.37	0.38	0.40	0.43	0.47	0.49	0.50	0.53
	16	0.37	0.39	0.41	0.44	0.48	0.50	0.51	0.53
Girls	3	0.46	0.47	0.49	0.51	0.54	0.55	0.56	0.58
	4	0.45	0.46	0.47	0.50	0.52	0.54	0.55	0.56
	5	0.43	0.44	0.46	0.48	0.51	0.52	0.53	0.55
	6	0.42	0.43	0.45	0.47	0.50	0.51	0.52	0.54
	7	0.41	0.42	0.44	0.46	0.49	0.51	0.52	0.54
	8	0.40	0.41	0.43	0.46	0.48	0.50	0.51	0.53
	9	0.39	0.41	0.43	0.45	0.48	0.50	0.51	0.53
	10	0.39	0.40	0.42	0.45	0.48	0.50	0.51	0.54
	11	0.39	0.40	0.42	0.45	0.48	0.50	0.52	0.54
	12	0.39	0.40	0.42	0.45	0.48	0.50	0.52	0.54
	13	0.39	0.40	0.42	0.45	0.49	0.51	0.52	0.55
	14	0.39	0.40	0.42	0.45	0.49	0.51	0.53	0.55
	15	0.39	0.41	0.43	0.46	0.49	0.52	0.53	0.56
	16	0.40	0.41	0.44	0.47	0.50	0.52	0.54	0.56

Age: completed age, e.g. 3 y = 3.00-3.99 y

ABBREVIATION

SCHOOL:

P- PRIVATE SCHOOL

G-GOVERNMENT SCHOOL

EDUCATIONAL STATUS :

I – ILLITERATE

PS : PRIMARY SCHOOL (1-5 TH STD)

MS : MIDDLE SCHOOL (6 – 8 STD)

HS : HIGH SCHOOL (9 – 10 TH STD)

PHS : POST HIGH SCHOOL (11-12 TH STD)

D : DEGREE

PG : POST GRATUATE

P : PROFESSIONAL AND HONOURS

PROFESSION :

UE : UN EMPLOYED

US : UN SKILLED

S S : SEMI SKILLED

S : SKILLED

F : SHOP AND AGRICULTURE

SP : SEMI PROFESSIONAL

P : PROFESSIONAL

INCOME :

A - < 1600RS

B : 1600 RS – 4809 RS

C : 4810RS – 8009 RS

D : 8010RS - 12019RS

E : 12020 RS – 16019 RS

F : 16020 RS -32049 RS

G : > 32050RS

LIVING WITH

P : PARENTS

G : GUARDIAN

GP : GRAND PARENT

SNACKS

H : HEALTHY

UH : UNHEALTY

EXTRA-CURRICULAR ACTIVITIES

I : INDOOR

O : OUTDOOR

SOCIAL ECONOMICS STATUS

CLASS 1

CLASS 2

CLASS 3

CLASS 4

CLASS 5

ESTIMATION OF OBESITY PROJECT

S No	Name	Age	Sex	Std	School private=Ppublic=G	Father Age	Father edu. QI I,PS,MS,HS,PHS,D,PG	Father Profession UE,US,SS,S,F,SP,P	Mother Age	Mother edu. QI L,PS,MS,HS PHS,D,PD	Mother Profession UE,US,SS,S, SP,P	Income A,B,C,D,E,F,G	Living with parent/ GP / guardian	No of siblings	No of members in family	Snacks eaten everyday H/UH	No of hrs watching Tv	No of meals tkn watching TV	Extra curricular activities I/O	Night sleeping time	Morning waking time	SES	Weight in KG	Height in CM	Waist circumfrence CM	BMI	W/H ratio	Obesity as per BMI	Obesity as per WC	Obesity as per W/Hratio
1	PIOUS S VINSTEN	11	M	7	P	48	D	SH	45	PD	P	C	P		3	UH	4	2	O	10.00	6.00	CLASS 3	53	160	83	20.70	0.52		OBESE	OBESE
2	RIYAS KHAN	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	O	8.50	5.00	CLASS 3	28	142	56	13.89	0.39			
3	JOSHUA	11	M	7	P	45	D	P	35	D	S	B	P	1	4	UH	2.5	1	O	10.00	5.50	CLASS 4	39	135	71	21.40	0.53		OBESE	OBESE
4	BHARATH KUMAR	11	M	7	P	42	MS	SH	31	HS	S	C	P	1	4	UH	4	1	O	10.00	4.00	CLASS 3	28	132	64	16.07	0.48			
5	BALA SANGESH	11	M	7	P	54	MS	UE	40	PS	S	C	P	1	4	H	2	1	O	9.50	6.50	CLASS 3	35	143	69	17.12	0.48			
6	B.AKASH	11	M	7	P	42	MS	S	33	HS	S	B	P		3	UH	2	1	O	9.50	6.50	CLASS 3	29	137	65	15.45	0.47			
7	A.ABIRAM	11	M	7	P	41	HS	SS	34	MS	SS	C	P	1	4	UH	3	3	O	8.50	5.50	CLASS 3	48	154	76	20.24	0.49		OBESE	
8	SATHISH	14	M	7	P	47	MS	UE	42	MS	S	C	P	1	4	UH	3	1	O	9.50	6.30	CLASS 3	30	144	61	14.47	0.42			
9	S. CHARAN	14	M	7	P	47	HS	S	38	MS	US	C	P	1	4	UH	2	1	O	11.00	5.50	CLASS 3	31	140	62	15.82	0.44			
10	VARUN	14	M	7	P	36	MS	UE	32	MS	S	C	P	1	4	UH	5	1	O	10.00	7.50	CLASS 3	39	169	61	13.65	0.36			
11	THOWSHIF AHMED	13	M	7	P	42	MS	US	31	MS	UE	C	P	1	4	UH	2.5	1	O	9.50	5.50	CLASS 3	44	160	61	17.19	0.38			
12	HARIHARAN	13	M	7	P	36	HS	S	34	HS	S	C	P	1	4	H	4	1	O	10.00	6.00	CLASS 3	39.7156	156	60	16.32	0.38			
13	GAUTHAM	13	M	7	P	42	MS	S	37	IL	UE	B	P	1	4	H	4	1	O	9.00	5.00	CLASS 3	29	139	56	15.01	0.40			
14	AM.F ASHIF AHMED	13	M	7	P	40	HS	US	30	MS	UE	C	P	3	6	UH	2	1	O	9.00	6.00	CLASS 3	37	151	59	16.23	0.39			
15	NARENDRAN	13	M	7	P	42	HS	S	38	MS	UE	C	P	1	4	UH	4	1	O	9.50	7.00	CLASS 3	38.5	156	61	15.82	0.39			
16	ABDULLAH	13	M	7	P	50	MS	S	42	HS	UE	D	P	1	4	UH	3	1	O	12.00	7.00	CLASS 3	32	142	55	15.87	0.39			
17	ARUN SELVAN	12	M	7	P	36	MS	US	32	HS	UE	C	P	1	4	UH	1	1	O	9.00	6.00	CLASS 3	37.1	148	57	16.94	0.39			
18	SUHAIL	11	M	7	P	37	MS	S	39	HS	UE	B	P	2	7	UH	2	1	O	9.50	6.00	CLASS 3	23	136	50	12.44	0.37			
19	SUJEETH	11	M	7	P	34	MS	S	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 3	22	134	47	12.25	0.35			
20	SANTRO	11	M	7	P	41	D	P	30	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	28	144	53	13.50	0.37			
21	G.S SURESH	11	M	7	P	46	MS	US	32	MS	UE	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 3	39	144	64	18.81	0.44			
22	SABARI KARTHIK	13	M	7	P	45	MS	S	39	MS	UE	C	P	1	4	UH	2	1	O	10.50	5.50	CLASS 3	31	144	54	14.95	0.38			
23	SANOOP	13	M	8	P	46	MS	US	-	-	-	C	G	2	5	H	3	3	O	9.00	6.00	CLASS 3	61	155	32	25.39	0.21			
24	SUNDARESAN	13	M	8	P	43	D	S	36	MS	UE	C	P	1	4	UH	2	1	O	10.00	7.00	CLASS 3	38	147	61	17.59	0.41			
25	FRANCIS	13	M	8	P	43	MS	SS	33	PS	S	C	P	2	5	UH	2	1	O	9.00	7.00	CLASS 3	36	150	53	16.00	0.35			
26	NISHAD	13	M	8	P	42	I	US	38	PS	UE	C	P	2	5	UH	3	3	O	10.00	6.00	CLASS 2	51	158	70	20.43	0.44			
26	ANEES	13	M	8	P	41	PS	SS	32	HS	UE	D	P	1	4	UH	1	1	O	11.00	6.30	CLASS 3	38	152	64	16.45	0.42			
27	SYED IRSHAD	13	M	8	P	40	I	F	38	MS	UE	D	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	34	152	56	14.72	0.37			
28	MOHAMMAD	13	M	8	P	39	I	S	36	MS	UE	D	P	2	5	H	3	0	O	9.00	6.00	CLASS 2	42	155	62	17.48	0.40			
29	NIZAR	13	M	8	P	41	PS	US	36	PS	UE	D	P	2	5	H	3	2	I	11.00	6.00	CLASS 3	29	145	55	13.79	0.38			
30	SREEHARAN	13	M	8	P	39	HS	S	32	MS	UE	D	P	1	4	UH	2	2	O	9.00	6.00	CLASS 2	50	155	71	20.81	0.46			

31	KARTHIKRAJA	13	M	8	P	37	PS	US	32	HS	UE	D	P	1	4	UH	2	0	O	9.00	6.00	CLASS 3	39	157	56	15.82	0.36			
32	ROSHAN	13	M	8	P	41	MS	S	35	PS	UE	D	P	2	5	H	2	0	O	8.30	6.30	CLASS 3	28	143	50	13.69	0.35			
33	ARSHAD	13	M	8	P	41	HS	S	32	PHS	UE	C	P	1	4	H	3	0	O	12.00	8.00	CLASS 3	27	135	54	14.81	0.40			
34	KARTHIKRAJA	13	M	8	P	45	HS	S	44	HS	UE	D	G	1	4	UH	3	3	O	9.00	6.00	CLASS 3	38	153	57	16.23	0.37			
35	PRASANNA KUMAR	13	M	8	P	-	-	-	36	HS	S	D	P	0	2	UH	1.5	2	O	10.30	5.30	CLASS 3	37	148	60	16.89	0.41			
36	SHEIK MUSHRAF	13	M	8	P	42	PMS	S	36	PHS	UE	D	P	1	4	H	1	0	O	10.00	5.40	CLASS 3	32	142	57	15.87	0.40			
37	RAHUL	13	M	8	P	45	PS	S	43	MS	S	D	P	1	4	UH	1	2	I	10.00	7.00	CLASS 3	35	145	54	16.65	0.37			
38	THOUFEEK	13	M	8	P	35	MS	US	30	PS	UE	D	P	2	6	H	0	0	O	10.00	6.00	CLASS 3	33	133	63	18.66	0.47			
39	KANNAN	13	M	8	P	-	-	-	-	-	-	-	GP	1	4	UH	3	3	I	10.00	7.00	CLASS 3	47	155	68	19.56	0.44			
40	GAJENDRAN	13	M	8	P	48	HS	S	43	HS	UE	D	P	1	4	H	3	1	O	9.00	5.00	CLASS 3	45	162	69	17.15	0.43			
41	SANJAY	13	M	8	P	40	MS	S	37	MS	UE	E	P	1	5	UH	1	0	O	10.30	6.30	CLASS 3	54	148	65	24.65	0.44			
42	HARHARAN	13	M	8	P	44	PS	US	40	D	P	E	P	1	4	H	2	0	O	9.30	6.30	CLASS 2	29	140	51	14.80	0.36			
43	VYSHNAV	13	M	8	P	46	MS	UE	38	PHS	S	D	P	1	4	H	4	2	O	10.00	6.00	CLASS 3	40	156	60	16.44	0.38			
44	JAGANATHAN	13	M	8	P	45	PHS	S	42	D	S	G	P	1	4	UH	1.5	1	I	8.00	5.50	CLASS 2	36	148	55	16.44	0.37			
45	GOPALA KRISHNAN	13	M	8	P	45	HS	S	45	HS	UE	E	P	1	4	H	1	1	O	9.30	6.30	CLASS 3	46	156	67	18.90	0.43			
46	DINESHKUMAR	13	M	8	P	46	MS	S	42	HMS	UE	E	P	1	4	UH	3	3	I	9.00	6.00	CLASS 3	31	150	51	13.78	0.34			
47	ARSHAD AHAMED	13	M	7	P	45	HS	US	42	PHS	S	D	P	0	3	UH	3	3	O	8.00	5.40	CLASS 3	34	142	57	16.86	0.40			
48	ANANDHA RAJ	13	M	8	P	46	MS	S	41	MS	UE	D	P	2	6	H	2	2	I	10.00	6.00	CLASS 3	49	162	63	18.67	0.39			
49	MOHAMMAD AFSAR	13	M	8	P	47	MS	US	41	HS	UE	D	P	2	5	H	5	2	I	10.00	6.30	CLASS 4	44	143	68	21.52	0.48			
50	SATHYA NARAYANAN	13	M	8	P	43	MS	S	38	MS	US	E	P	1	4	UH	0.5	0	I	9.30	6.00	CLASS 3	34	145	55	16.17	0.38			
51	RAJESH	13	M	8	P	42	MS	S	33	MS	UE	D	P	1	4	UH	1	1	O	9.00	6.00	CLASS 3	33	145	67	15.70	0.46			
52	ANAZ	14	M	7	P	45	HS	US	40	HS	UE	F	P	2	5	UH	3	3	O	9.00	6.00	CLASS 2	40	152	69	17.31	0.45			
53	PRACHAD	14	M	8	P	36	PS	US	38	HS	S	E	P	0	3	UH	2	2	O	9.00	6.00	CLASS 3	37	153	64	15.81	0.42			
54	SANJAY	14	M	8	P	32	PHS	S	28	HS	UE	F	P	2	5	UH	1	0	O	9.00	6.00	CLASS 2	36	155	58	14.98	0.37			
55	VENKATESHWARAN	14	M	8	P	38	HS	S	36	D	P	F	P	1	4	UH	3	2	O	10.00	6.00	CLASS 1	31	144	55	14.95	0.38			
56	PARTHIBAN	14	M	8	P	42	PHS	S	40	MS	UE	F	P	1	4	UH	1.5	1	I	9.00	6.30	CLASS 2	25	132	52	14.35	0.39			
57	UMAR	14	M	8	P	43	MS	US	39	PS	UE	F	P	1	4	UH	1	0	O	10.00	7.30	CLASS 3	34	142	58	16.86	0.41			
58	SAI VIGNESH	14	M	8	P	45	HS	F	45	MD	UE	F	P	3	6	UH	2	2	O	10.00	7.00	CLASS 2	46	154	70	19.40	0.45			
59	SRIKANTH	14	M	8	P	40	PHS	S	35	HS	UE	D	P	2	5	UH	2	1	O	9.00	7.00	CLASS 3	35	149	60	15.77	0.40			
60	NEWTON FELIX	14	M	8	P	-	-	-	43	MS	US	C	P	1	3	UH	1	0	O	10.30	5.30	CLASS 4	57	164	72	21.19	0.44			
61	ABDUL ADIL	14	M	8	P	49	MS	S	46	MS	UE	D	P	2	5	UH	1	1	O	9.00	6.00	CLASS 3	49	160	63	19.14	0.39			
62	PRAVEEN	14	M	8	P	44	PS	US	38	HS	US	D	P	1	4	H	2.5	0	I	10.00	6.30	CLASS 4	37	153	60	15.81	0.39			
63	MOHAMMED	14	M	8	P	34	I	US	32	HS	UE	D	P	1	4	UH	2	2	O	9.00	6.00	CLASS 4	43	162	62	16.38	0.38			
64	ABDUL MUNAF	14	M	8	P	42	PHS	S	35	HS	UE	E	P	2	5	UH	1	0	-	9.00	6.00	CLASS 3	44	165	61	16.16	0.37			

65	MANOJ KUMAR	14	M	8	P	45	MS	F	39	PS	UE	E	P	0	3	UH	3	1	I	10.00	7.10	CLASS 3	79	163	86	29.73	0.53	OBESE	OBESE	OBESE
66	GOKULA KRISHNAN	14	M	8	P	45	MS	S	43	MS	S	C	P	1	4	UH	1	1	I	10.50	6.50	CLASS 4	35	146	55	16.42	0.38			
67	MOHAMMAD HARSHAD	14	M	8	P	45	HS	S	40	HS	UE	C	P	1	4	H	4	3	O	9.00	6.00	CLASS 3	23	130	51	13.61	0.39			
68	SHAN SEMIL	13	M	8	P	-	-	-	36	HS	S	B	P	0	2	UH	3	0	O	9.00	5.30	CLASS 4	45	155	65	18.73	0.42			
69	SERALATHAN	11	M	7	P	45	MS	S	42	MS	UE	B	P	1	4	UH	0.5	0	O	10.45	4.45	CLASS 4	26	140	59	13.27	0.42			
70	HARI	13	M	7	P	35	HS	F	30	PHS	UE	E	P	1	4	UH	3	3	I	11.00	5.30	CLASS 2	57	157	84	23.12	0.54		OBESE	OBESE
71	HARIKUMAR	13	M	7	P	41	HS	S	34	PHS	UE	C	P	1	4	UH	0.5	1	O	9.00	6.30	CLASS 3	28	140	60	14.29	0.43			
72	AAKASH	13	M	7	P	44	PHS	F	39	HS	S	G	P	1	6	UH	6	3	I	10.30	6.00	CLASS 2	47	159	76	18.59	0.48		OBESE	
73	SRI KANTH	13	M	7	P	42	HS	F	37	D	UE	C	P	1	4	UH	1.3	1	O	10.30	6.30	CLASS 3	35	146	71	16.42	0.49			
74	SOUNDAERAJAN	13	M	7	P	39	PHS	F	38	PHS	UE	B	P	1	4	UH	1	1	O	9.30	6.30	CLASS 3	40	149	70	18.02	0.47			
75	JOHNSON	13	M	7	P	-	-	-	35	MS	US	B	P	1	3	UH	3	0.3	O	10.30	6.30	CLASS 4	49	155	77	20.40	0.50		OBESE	OBESE
76	CHIRANJIVI	12	M	7	P	41	MS	F	27	MS	S	C	P	0	3	H	3	1	O	9.00	6.30	CLASS 3	37	145	58	17.60	0.40			
77	AFSAL	12	M	7	P	45	MS	F	41	HS	UE	C	P	1	4	UH	1.5	1	I	10.10	6.00	CLASS 3	36	150	67	16.00	0.45		OBESE	OBESE
78	ABISHEK	12	M	7	P	40	HS	S	35	PHS	UE	B	P	2	5	UH	1	1	O	9.00	7.00	CLASS 3	35	150	70	15.56	0.47			
79	SAMUEL	12	M	7	P	45	PS	F	39	D	P	G	P	1	4	UH	4	1	O	10.00	6.00	CLASS 1	44	159	76	17.40	0.48		OBESE	
80	SHANE	12	M	7	P	35	D	SP	32	D	SP	G	P	1	4	UH	5	3	O	9.00	6.15	CLASS 2	67	166	90	24.31	0.54		OBESE	OBESE
81	SOLOMON RAJA DANIEL	12	M	7	P	50	HS	F	47	PHS	UE	C	P	3	6	UH	1	1	I	10.00	6.00	CLASS 3	38	147	69	17.59	0.47			
82	THPWFICK ROSHAN	12	M	7	P	43	PS	US	27	HS	UE	C	P	1	4	UH	3	1	O	9.30	6.00	CLASS 4	27	142	56	13.39	0.39			
83	RUFUS	13	M	7	P	41	D	S	39	D	UE	C	P	1	4	UH	1	1	I	9.00	7.00	CLASS 3	42	150	71	18.67	0.47			
84	LASHAN KUMAR	13	M	7	P	46	PHS	F	45	HS	UE	C	P	1	4	UH	3	1	O	9.00	7.00	CLASS 2	38	151	73	16.67	0.48			
85	VISHNU PRAKASH	12	M	7	P	44	MS	S	41	PS	UE	C	P	0	3	UH	5	1	I	8.30	7.00	CLASS 4	31	140	64	15.82	0.46			
86	VISHNU	12	M	7	P	45	MS	S	41	MS	S	D	P	1	4	UH	4	1	O	10.00	6.00	CLASS 3	31	140	60	15.82	0.43			
87	VIGNESH KUMAR	12	M	7	P	47	D	P	35	PHS	S	C	P	1	5	UH	1	1	I	10.00	7.00	CLASS 2	34	154	70	14.34	0.45			
88	NANDHA KUMAR	12	M	7	P	44	HS	S	38	MS	UE	D	P	1	4	UH	2	1	O	9.30	4.45	CLASS 3	24	135	56	13.17	0.41			
89	NAGENDRAN	12	M	7	P	32	HS	US	29	MS	UE	C	P	1	6	UH	1	1	I	9.30	5.00	CLASS 4	46	148	74	21.00	0.50		OBESE	OBESE
90	MOHAMMAD AZARUDEEN	12	M	7	P	41	HS	F	39	PHS	F	C	P	1	4	UH	0.5	1	O	10.00	6.30	CLASS 3	24	135	54	13.17	0.40			
91	KISHORE	12	M	7	P	44	PS	F	41	PHS	UE	F	P	1	7	UH	3	0	I	8.00	5.00	CLASS 2	30	145	61	14.27	0.42			
92	JAYASURYA	12	M	7	P	38	PS	S	33	PHS	UE	C	P	1	4	UH	2	1	I	11.00	7.00	CLASS 3	45	157	75	18.26	0.48		OBESE	
93	IRISH AARON	12	M	7	P	43	PHS	SP	42	PHS	SP	E	P	1	4	UH	3.5	2	O	10.00	6.00	CLASS 2	36	150	70	16.00	0.47			
94	GOKULA KRISHNAN	12	M	7	P	39	PS	F	34	HS	UE	C	P	1	4	UH	6	1	O	11.30	7.00	CLASS 3	29	145	61	13.79	0.42			
95	JANARTHANAN	14	M	8	P	43	MS	S	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	42	160	63	16.41	0.39			
96	HARAASARAN	14	M	8	P	58	PHS	S	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 3	30	157	57	12.17	0.36			
97	VISHNU	15	M	8	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	39	159	56	15.43	0.35			
98	SURYA	14	M	8	P	40	HS	S	35	D	UE	D	P	1	4	UH	4	2	I	11.00	7.00	CLASS 3	41	157	65	16.63	0.41			

99	ASHIQ	14	M	8	P	38	HS	US	36	HS	UE	C	P	1	4	UH	4	1	O	8.00	5.00	CLASS 4	36	147	58	16.66	0.39			
100	MUSTHAFA	14	M	8	P	39	PS	F	29	HS	UE	C	P	2	5	UH	2	1	O	9.00	5.00	CLASS 3	34	155	65	14.15	0.42			
101	SANDEEP	14	M	8	P	42	PHS	S	38	HS	UE	D	P	1	8	UH	2	0	O	9.30	6.00	CLASS 3	38	152	59	16.45	0.39			
102	SANJAY KUMAR	14	M	8	P	38	MS	S	35	HS	UE	B	P	1	4	H	2	0	I	10.00	7.00	CLASS 2	28	148	54	12.78	0.36			
103	THEJAS	14	M	8	P	52	D	SP	41	D	UE	C	P	1	4	UH	2	2	O	10.30	6.00	CLASS 3	42	146	64	19.70	0.44			
104	ABDUL RAZAK	12	M	7	P	43	MS	F	33	MS	UE	C	P	2	6	UH	3	1	I	9.00	6.45	CLASS 3	39	140	75	19.90	0.54		OBESE	OBESE
105	HARI KRISHNAN	12	M	7	P	39	PHS	S	35	HS	S	E	P	1	5	UH	2	1	I	10.00	6.45	CLASS 3	42	138	78	22.05	0.57		OBESE	OBESE
106	ABLAH	13	M	8	P	40	PS	F	35	PHS	UE	C	P	1	4	UH	4	1	O	9.30	7.30	CLASS 3	32	138	57	16.80	0.41			
107	JERALD	12	M	8	P	45	HS	S	33	D	SP	E	P	1	4	UH	3	0	O	10.00	6.00	CLASS 2	43	168	66	15.24	0.39			
108	DHALHA	12	M	8	P	43	D	S	39	MS	UE	C	P	1	4	UH	0.5	0	O	10.00	5.00	CLASS 3	47	166	65	17.06	0.39			
109	ROSHAN ASRAF	13	M	8	P	44	HS	S	38	HS	UE	C	P	1	4	UH	3	0	O	10.30	6.00	CLASS 3	40	158	60	16.02	0.38			
110	RAGUF	13	M	8	P	44	HS	S	38	HS	UE	C	P	1	5	UH	4	1	O	10.30	6.00	CLASS 3	30	154	56	12.65	0.36			
111	PARTHIBAN	13	M	8	P	45	MS	S	42	MS	S	D	P	1	8	UH	4	1	O	10.00	7.00	CLASS 3	43	152	76	18.61	0.50		OBESE	OBESE
112	SAMUEL	14	M	8	P	47	PHS	S	42	HS	UE	C	P	0	3	UH	2	0	I	10.00	7.00	CLASS 3	34	136	54	18.38	0.40			
113	THANISH	14	M	8	P	40	HS	F	34	D	UE	E	P	1	5	UH	5	2	I	10.00	6.00	CLASS 2	34	169	60	11.90	0.36			
114	SIVA	14	M	8	P	32	PHS	S	29	HS	UE	C	P	1	4	UH	2	2	O	9.00	6.00	CLASS 3	28	137	51	14.92	0.37			
115	BALA KRISHNAN	15	M	8	P	45	HS	F	39	PHS	F	C	P	1	4	UH	1	0	O	10.00	6.00	CLASS 3	40	175	70	13.06	0.40			
116	VIGNESH	14	M	8	P	43	-	-	39	-	-	-	G	2	JF	UH	4	1	O	9.30	7.00	CLASS 5	38	156	61	15.61	0.39			
117	NAWAS SHERIF	14	M	8	P	45	HS	S	35	MS	UE	C	P	2	5	UH	2	0	I	10.30	6.40	CLASS 3	45	155	65	18.73	0.42			
118	SARAVANA MURUIGAN	14	M	8	P	52	MS	US	46	HS	UE	B	P	2	5	UH	4	3	I	8.30	5.30	CLASS 4	45	143	73	22.01	0.51			OBESE
119	SIMON	13	M	8	P	48	HS	S	42	HS	UE	C	P	2	5	UH	2	0	O	10.00	6.00	CLASS 3	40	159	58	15.82	0.36			
120	DURGAVARANTH	13	M	8	P	45	MS	US	36	MS	S	B	P	1	4	H	0.3	1	O	11.00	7.00	CLASS 4	50	170	68	17.30	0.40			
121	SHRRIF SHMED	13	M	8	P	39	MS	US	34	HS	S	C	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	39	152	60	16.88	0.39			
122	BALAKRISHNAN	13	M	8	P	32	MS	S	30	MS	S	A	P	1	4	UH	3	1	O	9.00	7.00	CLASS 3	40	147	68	18.51	0.46			
123	ANAS	13	M	8	P	40	MS	F	32	HS	UE	C	P	2	5	UH	3	0	O	11.00	6.30	CLASS 3	35	145	58	16.65	0.40			
124	ARAVINTHAN	13	M	8	P	40	PS	F	35	MS	UE	E	P	0	3	UH	5	1	O	11.00	6.00	CLASS 3	42	148	64	19.17	0.43			
125	SATHISH	13	M	8	P	52	HS	S	46	MS	S	C	P	1	4	UH	3	3	O	10.00	6.00	CLASS 3	25	136	51	13.52	0.38			
126	FAZILIKRAM	12	M	8	P	38	HS	S	30	PS	UE	C	P	1	4	UH	2	1	O	9.00	6.00	CLASS 3	35	153	62	14.95	0.41			
127	ANVAR	13	M	8	P	47	MS	S	40	PS	UE	B	P	0	3	UH	5	2	O	10.00	8.00	CLASS 4	60	170	76	20.76	0.45		OBESE	
128	PREMKUMAR	13	M	8	P	45	D	SP	37	D	UE	C	P	1	6	UH	2	3	I	9.00	6.30	CLASS 3	30	149	52	13.51	0.35			
129	THAMEEZ	12	M	8	P	47	PS	S	40	HS	UE	B	P	2	6	UH	2	1	O	10.00	6.00	CLASS 4	40	156	64	16.44	0.41			
130	PRAGADEEWARAN	13	M	8	P	43	HS	S	39	HS	UE	C	P	1	JF	UH	4	1	O	9.30	6.00	CLASS 3	35	149	59	15.77	0.40			
131	KRISHNAKANTH	13	M	8	P	43	HS	S	38	MS	UE	C	P	1	5	UH	5	2	O	11.00	7.00	CLASS 3	40	160	71	15.63	0.44			
132	AJAY	13	M	8	P	43	PHS	F	32	HS	UE	E	P	2	4	UH	5	1	I	10.00	7.00	CLASS 2	52	162	76	19.81	0.47		OBESE	

133	SELVAGANESH	13	M	8	P	45	HS	S	36	PS	S	C	P	1	4	UH	2	2	I	10.30	6.40	CLASS 3	40	154	65	16.87	0.42			
134	MAHESH KUMAR	13	M	8	P	45	MS	S	35	PS	UE	D	P	1	4	UH	6	3	O	10.00	7.00	CLASS 3	25	140	56	12.76	0.40			
135	STEVE JOHANSON	13	M	8	P	47	D	SP	40	PHS	UE	C	P	1	4	UH	2	2	O	10.00	5.00	CLASS 3	32	151	51	14.03	0.34			
136	MANOJ	13	M	8	P	45	PHS	S	37	HS	UE	F	P	2	5	UH	3	2	O	10.00	4.00	CLASS 2	35	146	52	16.42	0.36			
137	KISHORE	13	M	8	P	43	PHS	S	39	MS	UE	C	P	1	4	UH	5	2	O	10.00	7.00	CLASS 3	45	148	60	20.54	0.41			
138	SANJAY	12	M	7	P	42	MS	S	39	MS	UE	C	P	1	4	UH	1	0	O	9.00	6.00	CLASS 4	25	128	50	15.26	0.39			
139	SUHAIL RAHUMAN	12	M	7	P	38	PHS	F	32	HS	UE	C	P	1	7	UH	1	1	O	10.00	7.00	CLASS 3	42	144	73	20.25	0.51		OBESE	OBESE
140	SHIYATH AHMED	12	M	7	P	52	HS	F	47	PHS	UE	G	P	2	5	UH	4	1	O	12.00	6.00	CLASS 2	42	161	59	16.20	0.37			
141	VISWANATH	12	M	7	P	40	HS	S	36	HS	UE	C	P	1	4	H	1	1	I	9.00	6.30	CLASS 3	31	151	52	13.60	0.34			
142	SABARI VASAN	12	M	7	P	42	HS	F	37	MS	UE	C	P	1	4	H	1	1	I	9.00	6.30	CLASS 3	40	159	61	15.82	0.38			
143	GNANA VIGNESH	12	M	7	P	53	MS	S	40	MS	UE	B	P	0	3	H	1	1	O	10.00	7.00	CLASS 4	35	141	62	17.60	0.44			
144	ROSHAN	12	M	7	P	38	HS	S	36	MS	UE	F	P	2	5	UH	3	1	O	10.00	7.00	CLASS 2	43	151	65	18.86	0.43			
145	SALMAN HUSSAIN	13	M	7	P	40	MS	F	33	PHS	UE	C	P	2	5	UH	2	1	O	11.00	7.00	CLASS 3	40	145	62	19.02	0.43			
146	ASHIF AHMED	12	M	7	P	38	HS	S	35	HS	UE	C	P	1	4	UH	3	1	I	10.00	6.00	CLASS 3	51.1	150	74	22.71	0.49		OBESE	
147	MOHAMMED ISSAK	12	M	7	P	52	HS	S	45	PHS	UE	C	P	2	4	UH	2	1	O	10.00	6.30	CLASS 3	29.6	144	55	14.27	0.38			
148	ABISHEK	12	M	7	P	39	HS	S	31	MS	UE	D	P	1	4	UH	3	1	O	9.00	6.00	CLASS 3	34	143	57	16.63	0.40			
149	MUGESH	12	M	7	P	41	HS	F	37	PHS	UE	C	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	33	149	54	14.86	0.36			
150	GOKUL KRISHNAN	12	M	7	P	39	MPS	S	37	HS	UE	B	P	1	4	UH	3	1	O	10.00	7.00	CLASS 4	29	138	57	15.23	0.41			
151	DEVA PRASATH	12	M	7	P	40	PS	F	32	HS	UE	A	P	4	7	UH	1	1	O	8.00	7.00	CLASS 4	42	149	62	18.92	0.42			
152	PRABHU RAM	12	M	7	P	60	PS	F	53	HS	UE	B	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	35	144	60	16.88	0.42			
153	KARTHIKAN	12	M	7	P	40	MS	S	35	HS	S	D	P	1	4	H	1	1	O	10.00	7.00	CLASS 3	28	138	53	14.70	0.38			
154	PRANAV	12	M	7	P	42	PHS	F	35	PHS	UE	C	P	2	5	UH	3	1	I	10.00	7.00	CLASS 3	32	144	53	15.43	0.37			
155	MOHAMMED SHEFAAN	12	M	8	P	46	PHS	F	34	MS	UE	C	P	2	5	UH	2.3	1	O	10.00	6.00	CLASS 3	34	150	53	15.11	0.35			
156	SHIVAA	12	M	8	P	40	D	P	35	PHS	SP	E	P	2	5	UH	1	1	I	9.00	6.00	CLASS 2	35	150	57	15.56	0.38			
157	MOHAMMED IYAS	13	M	8	P	35	HPHS	S	32	HS	UE	G	P	1	4	UH	3	3	O	8.00	6.00	CLASS 2	35	155	59	14.57	0.38			
158	KRISHNA GEETHAN	12	M	8	P	39	PHS	S	35	PHS	UE	D	P	1	4	UH	2	1	I	10.00	6.00	CLASS 3	31	148	51	14.15	0.34			
159	UMAR FARUK	14	M	8	P	43	MS	F	39	MS	UE	D	P	1	4	UH	1	0	O	10.00	7.30	CLASS 3	34	142	58	16.86	0.41			
160	MAHALAKSHMI	13	F	8	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	42	155	65	17.48	0.42			
161	UMA MAHESWARI	13	F	8	G	40	MS	F	35	PS	UE	C	P	1	4	UH	3	2	I	11.00	7.00	CLASS 3	30	151	77	13.16	0.51		OBESE	OBESE
162	PAVITHRA	13	F	8	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	39	157	62	15.82	0.39			
163	KRITHIKA	13	F	8	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	35.5	151	58	15.57	0.38			
164	NIVETHA	13	F	8	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	34	152	61	14.72	0.40			
165	DEVI PRIYA	13	F	8	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	49	148	72	22.37	0.49			
166	POORNIMA	13	F	8	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	36	143	64	17.60	0.45			

167	SUIKSHA	13	F	8	G	36	MS	US	35	MS	US	B	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	33	150	56	14.67	0.37			
168	PAKSHANA	13	F	8	G	36	MS	US	35	MS	US	C	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	48	151	70	21.05	0.46			
169	SAI SHREE	13	F	8	G	42	IL	US	35	IL	US	B	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	34	153	61	14.52	0.40			
170	SWETHA	13	F	8	G	34	MS	S	33	PHS	UE	C	P	1	4	UH	2	1	O	8.30	6.00	CLASS 3	31	142	66	15.37	0.46			
171	VARSHA	13	F	8	G	40	MS	S	38	MS	UE	B	P	2	5	UH	2	1	O	9.30	6.00	CLASS 3	33	148	57	15.07	0.39			
172	KARTHIKA LAKSHMI	13	F	8	G	40	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	30	139	60	15.53	0.43			
173	SHOBIKA	13	F	8	G	40	HS	US	35	MS	US	B	P	0	3	UH	1.3	3	O	8.00	6.00	CLASS 4	34	161	61	13.12	0.38			
174	GOWTHAMI	13	F	8	G	40	HS	S	38	MS	US	C	P	0	3	UH	6	1	O	9.30	5.30	CLASS 3	51	150	84	22.67	0.56		OBESE	OBESE
175	DIVYA LAKSHMI	13	F	8	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	2	2	I	9.00	6.00	CLASS 4	41	157	64	16.63	0.41			
176	NANDHINI	13	F	8	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	47	157	67	19.07	0.43			
177	YAMUNA	13	F	8	G	38	HS	S	35	HS	UE	C	P	1	4	UH	2	2	I	10.00	6.30	CLASS 3	49	150	81	21.78	0.54		OBESE	OBESE
178	MINI	13	F	8	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	28	147	57	12.96	0.39			
179	MADHIVADHINI	14	F	9	G	42	PHS	S	40	HS	UE	D	P	0	5	UH	3	3	I	9.45	7.00	CLASS 3	61	163	81	22.96	0.50		OBESE	OBESE
180	SHAMINI	14	F	9	G	48	PHS	F	45	PS	UE	C	P	1	4	UH	2	1	I	10.00	7.00	CLASS 3	55	160	77	21.48	0.48		OBESE	
181	RAJESWARI	14	F	9	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	2	3	I	9.00	6.00	CLASS 4	43	152	55	18.61	0.36			
182	SAGAYA JENITTA	14	F	9	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	38	148	30	17.35	0.20			
183	MYTHILI	14	F	9	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	53	161	71	20.45	0.44			
184	LAKSHANA	14	F	9	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	1.3	2	I	9.00	6.00	CLASS 4	49	154	67	20.66	0.44			
185	ANISHA FATHIMA	14	F	9	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	46	160	62	17.97	0.39			
186	YUVASRI	14	F	9	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	40	159	58	15.82	0.36			
187	PRIYANGA	14	F	9	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	87	167	97	31.20	0.58	OBESE	OBESE	OBESE
188	SOWNDARYA	14	F	9	G	45	MS	US	40	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	51	152	76	22.07	0.50		OBESE	OBESE
189	HARSHA	14	F	9	G	40	HS	S	35	HS	UE	C	P	1	4	UH	2	3	I	10.00	6.00	CLASS 3	48	156	72	19.72	0.46			
190	KRISHNAKUMARI	14	F	9	G	46	HS	SP	39	HS	UE	E	P	1	4	H	4	1	I	8.00	7.00	CLASS 2	43	156	68	17.67	0.44			
191	SATHYA	15	F	9	G	39	D	F	35	D	UE	G	P	1	4	H	2	1	I	8.00	6.00	CLASS 2	55	153	80	23.50	0.52		OBESE	OBESE
192	ABINAYA	14	F	9	G	40	D	F	36	D	UE	B	P	2	5	UH	2	2	I	9.00	6.00	CLASS 3	37	135	77	20.30	0.57		OBESE	OBESE
193	VAISHNAVI	14	F	9	G	42	PHS	S	36	PHS	UE	F	P	1	4	UH	1	1	O	9.00	6.00	CLASS 2	53	159	75	20.96	0.47			
194	RAMYA	14	F	9	G	40	D	P	35	D	UE	F	P	1	4	H	3	1	I	9.00	6.00	CLASS 1	61	162	93	23.24	0.57		OBESE	OBESE
195	VARSHINI	14	F	9	G	54	HS	S	44	HS	UE	C	P	0	3	H	3	1	I	8.00	6.30	CLASS 3	61	162	93	23.24	0.57		OBESE	OBESE
196	JOTHIKA	14	F	9	G	54	PHS	F	44	HS	F	E	P	1	4	H	4	2	I	9.00	6.30	CLASS 3	61	162	93	23.24	0.57		OBESE	OBESE
197	PANDIN REENA	14	F	9	G	42	D	P	39	D	UE	F	P	1	4	UH	2	1	I	11.00	7.00	CLASS 1	53	159	80	20.96	0.50		OBESE	OBESE
198	KAVIARASHE	14	F	9	G	-	-	-	41	HS	S	B	P	0	3	UH	3	2	I	9.00	5.00	CLASS 4	53	159	82	20.96	0.52		OBESE	OBESE
199	SNEGA	13	F	9	G	45	D	F	40	HS	UE	D	P	1	5	UH	1	1	O	12.00	8.00	CLASS 3	56	159	72	22.15	0.45			
200	GAYATHRI	13	F	9	G	50	I	US	42	PHS	UE	B	P	1	4	UH	3	1	I	9.00	7.00	CLASS 4	47	148	78	21.46	0.53		OBESE	OBESE

201	MUFEENA	15	F	9	G	48	D	S	39	D	S	F	P	0	3	H	5	2	I	10.00	6.00	CLASS 2	55	153	80	23.50	0.52		OBESE	OBESE
202	NANDHINI	14	F	9	G	45	D	P	40	D	UE	G	P	1	4	UH	2	1	I	10.00	6.00	CLASS 1	40	148	70	18.26	0.47			
203	SINDUZA	14	F	9	G	40	HS	US	35	HS	US	B	P	1	4	UH	3	1	I	11.00	7.00	CLASS 4	55	140	78	28.06	0.56	OBESE	OBESE	OBESE
204	SNEHA	13	F	9	G	-	-	-	29	PHS	S	B	P	1	4	H	4	2	I	9.00	6.00	CLASS 3	52	151	82	22.81	0.54		OBESE	OBESE
205	NANDHINI	14	F	9	G	43	D	P	38	PS	UE	G	P	1	4	UH	4	1	I	11.00	7.00	CLASS 1	54	140	78	27.55	0.56	OBESE	OBESE	OBESE
206	AARSHIYA	15	F	9	G	40	D	P	33	PHS	UE	F	P	1	4	H	2	1	I	9.00	6.00	CLASS 1	56	165	75	20.57	0.45			
207	DURGA NANDHINI	15	F	9	G	42	MS	S	36	PHS	UE	B	P	0	3	H	2	2	I	10.00	6.00	CLASS 3	56	165	76	20.57	0.46			
208	KOWSALYA	13	F	9	G	39	PHS	F	33	PS	UE	F	P	1	5	UH	3	1	I	10.00	7.30	CLASS 2	47	148	78	21.46	0.53		OBESE	OBESE
209	DHARANI	14	F	9	G	46	D	P	40	D	UE	G	P	1	4	UH	2	1	I	9.00	5.30	CLASS 1	50	142	79	24.80	0.56		OBESE	OBESE
210	SWETHA	14	F	9	G	42	PHS	S	39	PHS	UE	D	GP	1	4	UH	4	2	O	10.00	7.30	CLASS 3	60	145	83	28.54	0.57	OBESE	OBESE	OBESE
211	SWETHA	13	F	9	G	45	D	F	32	PS	UE	C	P	1	4	UH	3	1	I	10.00	6.30	CLASS 3	56	159	83	22.15	0.52		OBESE	OBESE
212	NALINA	15	F	9	G	37	MS	US	32	I	UE	B	P	1	4	UH	0	0	O	10.00	5.30	CLASS 4	40	156	69	16.44	0.44			
213	SHREEMATHI	15	F	9	G	43	PHS	F	35	MS	UE	D	P	1	4	UH	1.3	1	O	9.00	7.00	CLASS 3	40	156	69	16.44	0.44			
214	MANJU	13	F	9	G	40	D	F	38	D	P	G	P	1	4	UH	3.3	3	I	10.00	7.30	CLASS 1	50	152	74	21.64	0.49			
215	AFRIN ROSHINI	14	F	9	G	45	D	S	36	PHS	UE	D	P	1	4	UH	2	1	I	8.00	6.00	CLASS 3	49	165	75	18.00	0.45			
216	KALISHWARI	13	F	9	G	42	D	P	37	HS	UE	G	P	2	5	UH	4	3	I	9.00	7.30	CLASS 1	50	152	74	21.64	0.49			
217	MANGALESWARI	13	F	9	G	42	HS	F	37	HS	UE	B	G	2	5	H	0	0	I	10.00	5.30	CLASS 1	50	152	74	21.64	0.49			
218	PRIYANGA	14	F	9	G	40	PG	P	35	PG	UE	G	P	2	5	H	2	1	O	10.00	6.00	CLASS 1	49	165	70	18.00	0.42			
219	VAISHNAVI	14	F	9	G	40	D	P	35	PG	P	F	P	1	5	UH	2	2	O	10.00	6.30	CLASS 1	51	165	72	18.73	0.44			
220	VISHNUPRIYA	13	F	9	G	40	HS	S	35	PHS	UE	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 1	47	158	76	18.83	0.48			
221	SHAREENA JASMIN	15	F	9	G	54	D	F	48	HS	UE	G	P	2	5	UH	5	1	O	10.00	6.00	CLASS 2	50	161	80	19.29	0.50		OBESE	
222	ANUSHYA	14	F	9	G	42	PHS	S	32	HS	S	B	P	1	4	UH	3	1	I	10.00	6.30	CLASS 3	51	165	78	18.73	0.47		OBESE	
223	GNANA SOWNDARYA	13	F	9	G	45	PHS	F	40	HS	F	F	P	1	4	UH	2	1	O	9.00	6.30	CLASS 2	44	155	74	18.31	0.48			
224	LANSHYA THERASA	13	F	9	G	45	D	P	40	PHS	UE	G	G	1	4	H	3	2	I	9.00	6.00	CLASS 1	44	155	74	18.31	0.48			
225	SUBIKSHA	13	F	9	G	43	PHS	S	40	MS	UE	C	P	1	4	UH	3	1	O	9.00	6.30	CLASS 3	47	158	72	18.83	0.46			
226	SUSHMITHA	15	F	9	G	50	PG	F	43	D	UE	F	P	2	6	H	2	1	O	9.00	6.30	CLASS 2	50	161	76	19.29	0.47			
227	SHEVANTHIGA	13	F	9	G	43	D	F	32	PHS	UE	B	P	1	4	UH	3	1	O	9.00	6.00	CLASS 3	44	155	74	18.31	0.48			
228	HEMAPRIYA	14	F	9	G	40	PG	P	39	PHS	UE	G	P	1	4	UH	2	1	O	9.00	6.00	CLASS 1	43	153	74	18.37	0.48			
229	CHANDRI	13	F	9	G	42	D	P	36	D	UE	F	P	1	4	H	4	1	I	9.00	6.30	CLASS 1	40	159	69	15.82	0.43			
230	MOHANA	14	F	9	G	46	PG	P	40	PHS	UE	F	P	1	4	H	3	1	O	10.00	7.00	CLASS 1	37	155	71	15.40	0.46			
231	SUMITHRA	14	F	9	G	49	D	P	42	PHS	UE	G	P	1	4	UH	2	2	I	9.00	7.00	CLASS 1	49	164	77	18.22	0.47		OBESE	
232	YUHASINI	13	F	9	G	42	HS	S	36	HS	UE	C	P	1	7	UH	2	1	I	10.00	5.30	CLASS 1	40	159	69	15.82	0.43			
233	CHARULATHA	14	F	9	G	49	D	S	42	D	UE	G	GP	1	6	H	2	0	I	10.00	7.30	CLASS 4	49	164	77	18.22	0.47		OBESE	
234	PRAMIKA	14	F	9	G	40	D	P	35	D	UE	G	P	1	5	UH	2	1	O	10.00	7.00	CLASS 1	42	157	72	17.04	0.46			

235	SRI RANJANI	14	F	9	G	60	PHS	SP	49	HS	UE	B	P	2	5	UH	2	1	I	10.00	7.00	CLASS 3	43	153	74	18.37	0.48			
236	PAVITHRA	14	F	9	G	57	PHS	F	56	PHS	UE	C	P	1	6	UH	2	1	O	9.00	6.30	CLASS 3	41	161	76	15.82	0.47			
237	VINITHA	14	F	9	G	49	PHS	S	42	PHS	UE	C	P	1	4	H	2	2	O	11.00	7.00	CLASS 3	49	164	77	18.22	0.47		OBESE	
238	SWETHA	14	F	9	G	45	HS	F	32	HS	UE	B	P	1	4	UH	2	2	O	10.00	6.00	CLASS 3	43	152	74	18.61	0.49			
239	SANDHYA PRIYA	14	F	9	G	45	D	P	32	D	UE	G	P	0	3	H	4	2	O	10.00	7.30	CLASS 1	43	152	74	18.61	0.49			
240	HEMALATHA	14	F	9	G	40	PS	US	35	MS	F	C	P	0	3	UH	2	1	I	12.00	6.30	CLASS 3	42	157	72	17.04	0.46			
241	BEULAH	14	F	9	G	46	D	P	45	D	UE	E	P	1	4	H	2	1	I	10.00	6.30	CLASS 2	37	155	71	15.40	0.46			
242	JEEVITHA	14	F	9	G	60	D	F	49	D	UE	G	P	0	3	H	4	3	O	8.00	6.00	CLASS 2	43	153	74	18.37	0.48			
243	NEERAJA	14	F	9	G	46	PHS	F	45	HS	F	D	P	1	4	UH	2	1	O	8.00	6.00	CLASS 3	37	155	71	15.40	0.46			
244	AKSHAYA	14	F	9	G	54	PHS	F	48	PHS	UE	G	P	2	5	UH	4	2	I	12.00	7.30	CLASS 2	45	145	65	21.40	0.45			
245	HARINI	14	F	9	G	37	HS	S	36	HS	S	C	P	1	4	UH	2	2	I	10.00	7.00	CLASS 3	33	152	61	14.28	0.40			
246	BHUVANESHWARI	13	F	9	G	45	PG	SP	40	PHS	UE	C	P	0	4	UH	2	2	I	10.00	6.30	CLASS 2	36	160	66	14.06	0.41			
247	MRIDULA	14	F	9	G	46	D	SP	39	D	UE	D	P	1	4	H	2	1	O	10.00	6.30	CLASS 3	39	156	67	16.03	0.43			
248	SANDHYA	14	F	9	G	46	D	F	39	PG	P	G	P	1	4	H	2	2	I	10.00	7.30	CLASS 1	39	156	67	16.03	0.43			
249	SIVARANJANI	14	F	9	G	46	D	SP	41	D	SP	G	P	1	4	H	2	1	O	10.00	6.30	CLASS 4	41	157	68	16.63	0.43			
250	ABINAYA	14	F	9	G	41	HS	S	36	MS	UE	B	P	1	4	UH	2	0	I	10.00	5.30	CLASS 4	41	157	68	16.63	0.43			
251	DEEPALAKSHMI	14	F	9	G	57	D	SP	56	D	UE	F	P	1	6	H	2	1	I	9.00	7.30	CLASS 2	41	161	66	15.82	0.41			
252	CHITRA	14	F	9	G	42	D	S	39	D	S	G	P	1	4	UH	3	2	O	10.00	6.30	CLASS 2	44	153	70	18.80	0.46			
253	SANGEETHA	14	F	9	G	42	P	P	39	P	P	G	P	1	4	H	3	2	O	9.00	6.00	CLASS 1	44	153	70	18.80	0.46			
254	CHANDRIKA	15	F	9	G	46	HS	F	43	D	P	G	P	1	4	H	3	2	I	8.00	7.30	CLASS 2	30	150	68	13.33	0.45			
255	KOWSALYA	14	F	9	G	45	PHS	SP	38	PHS	UE	D	P	1	4	H	1.3	1	I	9.00	6.30	CLASS 3	38	155	66	15.82	0.43			
256	ASIFA	14	F	9	G	45	HS	F	38	HS	UE	D	P	1	4	H	1.3	1	I	9.00	6.30	CLASS 3	36	150	67	16.00	0.45			
257	SWETHA	14	F	9	G	49	HS	S	45	HS	UE	D	P	2	5	UH	1.3	1	I	7.30	5.30	CLASS 3	40	158	70	16.02	0.44			
258	SATHYA	14	F	9	G	46	HS	F	36	HS	UE	C	P	1	4	UH	2	1	I	9.00	6.30	CLASS 3	35	152	69	15.15	0.45			
259	SUVALAKSHMI	13	F	9	G	43	MS	S	32	PS	UE	C	P	2	5	UH	3	2	I	10.00	6.00	CLASS 4	34	155	66	14.15	0.43			
260	VIJAYALAKSHMI	15	F	9	G	46	HS	S	43	PS	UE	F	P	1	4	H	3	2	I	10.00	6.00	CLASS	30	150	68	13.33	0.45			
261	RAMYA DEVI	14	F	9	G	42	D	F	39	PHS	UE	D	P	2	5	H	1.3	1	I	9.00	7.30	CLASS 3	44	153	70	18.80	0.46			
262	FATHIMA ZAHARA	14	F	9	G	49	HS	S	45	HS	UE	B	P	4	7	UH	1.3	2	I	10.00	6.00	CLASS 2	40	158	70	16.02	0.44			
263	SHARMILA	14	F	9	G	45	D	F	33	HS	UE	F	P	1	4	UH	3	1	I	10.00	6.00	CLASS 2	41	155	68	17.07	0.44			
264	ANU	14	F	9	G	46	PHS	S	36	HS	UE	C	P	2	5	UH	2	2	O	10.00	6.00	CLASS 3	35	152	69	15.15	0.45			
265	NAYANISHA	14	F	9	G	36	HS	S	34	HS	S	G	P	1	4	UH	1.3	2	O	10.00	5.30	CLASS 2	37	145	66	17.60	0.46			
266	PRIYADHARSHINI	13	F	9	G	38	PHS	S	35	PHS	UE	D	P	1	4	H	1.3	1	O	9.00	6.30	CLASS 3	41	155	60	17.07	0.39			
267	HARIPRIYA	14	F	9	G	45	PS	-	35	MS	UE	B	P	1	3	UH	2	2	I	10.00	5.30	CLASS 4	41	155	68	17.07	0.44			
268	VAISHNAVI	14	F	9	G	42	MPS	S	38	HS	UE	C	P	1	4	UH	1.3	1	O	9.00	7.30	CLASS 3	38	155	66	15.82	0.43			

269	PRABHAVATHI	14	F	9	G	49	PHS	S	40	PS	UE	C	P	1	4	UH	2	3	I	10.00	5.30	CLASS 3	36	150	67	16.00	0.45			
270	JANANI	14	F	9	G	49	HS	S	40	PHS	UE	C	P	1	4	UH	1.3	2	I	10.00	7.30	CLASS 3	39	150	67	17.33	0.45			
271	SALEENA	14	F	9	G	49	PG	P	40	D	P	G	P	1	4	UH	1.3	1	O	9.00	6.00	CLASS 1	39	150	67	17.33	0.45			
272	SUBASHINI	13	F	9	G	45	HS	F	40	PS	UE	G	P	1	4	UH	1.3	1	O	10.00	5.30	CLASS 2	36	160	66	14.06	0.41			
273	CHANDRAKIRUPHA	14	F	9	G	45	PG	P	34	D	P	G	P	0	3	H	1.3	1	I	10.00	5.30	CLASS 1	45	148	68	20.54	0.46			
274	SHANMUGAPRIYA	15	F	9	G	46	PHS	F	39	PHS	UE	D	P	1	4	UH	0	0	I	9.00	7.00	CLASS 3	43	156	68	17.67	0.44			
275	MOWNIKAPRIYA	15	F	9	G	46	D	P	43	HS	UE	G	P	1	5	UH	3	2	O	8.00	6.30	CLASS 1	30	150	68	13.33	0.45			
276	ISHWARYA	14	F	9	G	57	PG	P	56	D	P	G	P	1	4	UH	3	2	O	9.00	6.30	CLASS 1	41	161	66	15.82	0.41			
277	BAVADHARANI	13	F	9	G	43	PG	P	32	D	UE	G	P	2	5	H	4	3	I	10.00	7.30	CLASS 1	34	155	56	14.15	0.36			
278	MOHANADEEPIKA	14	F	9	G	37	PHS	S	36	PHS	UE	F	P	0	3	UH	4	2	O	9.00	7.30	CLASS 2	33	152	61	14.28	0.40			
279	NAGADEVI	13	F	9	G	43	D	P	32	D	P	G	P	1	6	H	4	2	O	10.00	6.00	CLASS 1	34	155	66	14.15	0.43			
280	KAVIPRIYA	14	F	9	G	45	HS	US	34	MS	UE	D	P	1	4	UH	1.3	1	O	8.00	6.30	CLASS 4	45	148	68	20.54	0.46			
281	SATHYAVANI	13	F	9	G	38	PG	P	35	D	P	G	P	1	4	UH	3	1	O	1.00	6.30	CLASS 1	41	155	60	17.07	0.39			
282	KEERTHANA	14	F	9	G	40	PHS	S	35	HS	UE	E	P	2	5	UH	4	1	O	10.00	6.00	CLASS 3	48	156	76	19.72	0.49			
283	MUTHUMEENAKSHI	14	F	9	G	40	PHS	F	35	HS	UE	D	P	1	4	H	1.3	1	I	10.00	5.30	CLASS 3	48	156	74	19.72	0.47			
284	MYTHILI	14	F	9	G	39	PG	P	35	PG	UE	G	P	1	4	H	1.3	1	O	9.00	6.30	CLASS 1	51	160	70	19.92	0.44			
285	SNEGA	14	F	9	G	44	MS	US	38	HS	UE	C	P	1	4	UH	3	1	i	9.00	7.00	CLASS 4	52	150	80	23.11	0.53		OBESE	OBESE
286	ELAKKIYA	15	F	11	P	43	HS	F	40	D	UE	D	P	1	4	UH	6	4	I	11.00	6.00	CLASS 3	45	164	81	16.73	0.49		OBESE	
287	SURYA	15	F	11	P	48	HS	F	38	D	UE	G	P	1	4	UH	5	4	I	9.00	6.00	CLASS 2	49	170	81	16.96	0.48		OBESE	
288	KANIMOZHI	15	F	11	P	43	D	F	38	D	UE	G	P	2	5	UH	2	0	O	9.30	4.30	CLASS 2	39	153	51	16.66	0.33			
289	ADHITHI	15	F	11	P	48	P	P	38	D	UE	G	P	0	3	UH	3	0	I	8.00	5.00	CLASS 1	42	156	62	17.26	0.40			
290	RAKSHANA SIVAKUMAR	15	F	11	P	45	P	P	37	P	P	G	P	1	4	UH	1.3	0	I	7.00	5.00	CLASS 1	48	155	68	19.98	0.44			
291	LAKSHMI PRATHIBA	15	F	11	P	52	D	F	46	D	P	G	P	0	3	UH	4	4	O	11.00	4.00	CLASS 1	52	150	78	23.11	0.52		OBESE	OBESE
292	VAISHNAVI	15	F	11	P	44	D	P	42	D	P	G	P	0	3	UH	4	3	O	9.00	6.00	CLASS 1	52	165	68	19.10	0.41			
293	RTHARNIMATHI	15	F	11	P	45	P	P	35	D	UE	F	P	1	4	UH	4	0	I	11.00	6.00	CLASS 1	48	155	65	19.98	0.42			
294	ASHIFANA	15	F	11	P	41	HS	F	36	HS	UE	E	P	1	4	UH	3	0	I	10.00	5.30	CLASS 2	50	177	67	15.96	0.38			
295	VISHNU PRIYA	16	F	11	P	42	HS	F	40	HS	UE	F	P	0	5	UH	3	1	O	10.00	6.00	CLASS 2	43	162	79	16.38	0.49			
296	SOWMIYA	15	F	11	P	42	D	F	32	PHS	UE	F	P	1	4	UH	3	1	I	10.30	6.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE
297	KARUNYAVARSHINI	16	F	11	P	46	HS	F	36	HS	UE	G	P	1	4	UH	6	0	O	11.00	5.30	CLASS 2	58	163	78	21.83	0.48			
298	SOWMIYA	15	F	11	P	45	MS	F	40	HS	UE	E	P	1	5	H	3	1	O	10.30	6.00	CLASS 3	55	162	76	20.96	0.47			
299	PAVITHRA	15	F	11	P	40	HS	F	33	HS	UE	G	P	1	4	UH	6	3	I	11.30	4.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE
300	DHANUJA	15	F	11	P	47	PHS	F	37	PHS	UE	G	P	1	4	UH	5	3	I	11.30	6.05	CLASS 2	56	152	82	24.24	0.54		OBESE	OBESE
301	RUBIKA	15	F	11	P	45	PHS	F	35	PHS	UE	G	P	1	4	UH	5	3	O	11.30	6.00	CLASS 2	50	154	68	21.08	0.44			
302	DHARSHINI	15	F	11	P	42	HS	F	38	D	UE	G	P	0	3	UH	6	3	O	11.00	5.30	CLASS 2	56	160	70	21.88	0.44			

303	AKSHAYA BALA VENKATESH	15	F	11	P	41	P	F	39	PHS	UE	F	P	1	4	UH	5	0	I	10.30	5.00	CLASS 2	39	150	70	17.33	0.47				
304	MONISHA	15	F	11	P	48	P	F	42	HS	UE	D	P	1	4	UH	6	3	I	10.00	6.30	CLASS 2	50	152	71	21.64	0.47				
305	PLESSY MATHEW	15	F	11	P	44	D	P	42	D	UE	G	P	1	4	UH	3	1	O	11.30	6.00	CLASS 1	50	157	69	20.28	0.44				
306	ELAKKIYA	15	F	11	P	47	D	F	43	D	UE	F	P	1	5	H	3	1	I	11.00	7.00	CLASS 2	54	162	68	20.58	0.42				
307	SHOBANA	15	F	11	P	41	HS	F	38	HS	UE	G	P	1	4	UH	2	1	O	11.30	5.30	CLASS 3	50	163	66	18.82	0.40				
308	SRINITHI	15	F	11	P	39	HS	F	36	PHS	UE	H	P	0	3	H	1	0	O	9.30	5.00	CLASS 2	38	148	65	17.35	0.44				
309	SOWMIYA	15	F	11	P	38	HS	F	35	PHS	F	G	P	0	3	UH	4	1	I	11.00	4.30	CLASS 2	60	165	78	22.04	0.47		OBESE		
310	SHRUTHI	15	F	11	P	39	HS	F	36	PHS	UE	F	GP	1	4	UH	4	0	I	11.00	5.30	CLASS 2	38	158	63	15.22	0.40				
311	SARUMATHI	15	F	11	P	45	PHS	F	40	HS	UE	E	P	2	5	UH	3	2	O	10.00	6.00	CLASS 2	48	160	66	18.75	0.41				
312	LAVANYA	15	F	11	P	45	HS	F	40	HS	UE	G	P	2	5	UH	5	0	I	10.00	6.00	CLASS 2	45	156	65	18.49	0.42				
313	DEVADHARSHINI	15	F	11	P	45	PHS	F	38	PHS	UE	G	P	1	4	H	3	1	O	11.00	4.00	CLASS 2	40	150	65	17.78	0.43				
314	KEERTHANA	15	F	11	P	40	PHS	F	37	PHS	UE	G	P	1	5	H	1	0	O	11.00	5.00	CLASS 2	45	165	64	16.53	0.39				
315	PRIYADARSHINI	15	F	11	P	47	HS	F	45	HS	UE	F	P	1	4	UH	3	0	I	10.45	7.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE	
316	SOWBARNIYA	15	F	11	P	40	HS	F	35	D	SP	E	P	1	4	H	0	0	O	10.30	5.00	CLASS 2	48	165	65	17.63	0.39				
317	ANUSHIYA	15	F	11	P	48	HS	F	38	HS	UE	F	P	2	5	UH	0	0	I	10.00	4.00	CLASS 2	50	154	76	21.08	0.49				
318	NITHILA SARMUKI	15	F	11	P	47	HS	F	44	D	UE	G	P	1	4	UH	3	1	O	10.30	5.30	CLASS 2	50	158	67	20.03	0.42				
319	SADHANA	15	F	11	P	46	D	F	41	D	UE	G	P	1	6	UH	4	0	I	10.30	6.30	CLASS 2	54	159	92	21.36	0.58		OBESE	OBESE	
320	NANDHINI	15	F	11	P	55	PHS	F	53	HS	UE	G	P	0	3	UH	6	0	O	10.30	9.00	CLASS 2	58	165	92	21.30	0.56				
321	HARIDARSINI	15	F	11	P	45	HS	F	43	D	UE	E	P	0	3	H	0	0	O	10.30	5.00	CLASS 2	53	163	71	19.95	0.44				
322	BANU SREE	15	F	11	P	42	PHS	F	38	PHS	UE	E	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	56	165	79	20.57	0.48				
323	VINESHMA GRACY	15	F	11	P	41	D	F	35	D	UE	F	P	1	4	UH	0	0	I	10.30	4.00	CLASS 2	56	172	81	18.93	0.47				
324	NITHARSANA	15	F	11	P	54	HS	F	43	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	48	163	64	18.07	0.39				
325	KEERTHANA	15	F	11	P	38	D	F	37	PHS	UE	G	P	0	3	UH	G	2	O	9.30	8.00	CLASS 2	48	158	70	19.23	0.44				
326	VAISHNAVI	15	F	11	P	38	PHS	F	32	PHS	F	G	P	1	4	H	4	0	O	11.00	4.00	CLASS 2	45	160	66	17.58	0.41				
327	IDANYA	15	F	11	P	50	PHS	F	37	D	UE	E	P	1	4	UH	2	1	I	11.30	4.30	CLASS 2	51	148	76	23.28	0.51			OBESE	
328	RAGAVI	15	F	11	P	40	D	P	38	PHS	UE	G	P	1	4	UH	4	2	O/I	11.00	4.30	CLASS 1	36	152	63	15.58	0.41				
329	VAVUNIYA	15	F	11	P	51	PHS	F	38	I	UE	E	P	1	4	H	2	1	I	11.00	4.30	CLASS 3	46	152	65	19.91	0.43				
330	SOUNDARYA	15	F	11	P	49	D	P	38	D	UE	E	P	1	4	UH	3	3	I	11.30	6.00	CLASS 2	55	152	80	23.81	0.53		OBESE	OBESE	
331	INDHUMATHI	15	F	11	P	46	D	F	39	PHS	UE	E	P	2	5	H	1	1	O	9.00	6.30	CLASS 2	40	154	64	16.87	0.42				
332	KAVIMALAR	15	F	11	P	46	D	S	40	D	P	E	P	0	4	H	1	1	O	11.00	6.00	CLASS 2	43	160	64	16.80	0.40				
333	HARINI	13	F	8	P	42	D	F	40	D	S	G	P	1	4	H	0	0	I	10.00	4.30	CLASS 2	30	115	75	22.68	0.65		OBESE	OBESE	
334	HARSHINI	13	F	8	P	42	D	F	40	D	S	G	P	1	4	H	0	0	I	10.00	4.30	CLASS 2	35	125	73	22.40	0.58			OBESE	
335	SATHYAPRABHA	13	F	8	P	43	PHS	-	32	PHS	F	G	P	1	3	UH	3	1	I	11.00	7.30	CLASS 3	49	135	76	26.89	0.56		OBESE	OBESE	
336	KEERTHI	13	F	8	P	42	P	F	32	HS	F	F	P	1	4	UH	3	3	I	11.00	7.00	CLASS 2	40	120	75	27.78	0.63	OBESE	OBESE	OBESE	

337	JANANI	13	F	8	P	42	D	S	33	PHS	UE	F	P	1	6	UH	3	3	I	10.00	7.00	CLASS 2	45	128	76	27.47	0.59	OBESE	OBESE	OBESE
338	SAKTHI PRIYA	13	F	8	P	40	PHS	F	36	PHS	F	G	P	0	3	UH	1	1	I	9.30	5.00	CLASS 2	36	126	68	22.68	0.54			OBESE
339	NIKILA VICTOR	13	F	8	P	42	D	P	41	D	P	G	P	1	4	UH	0	0	I	9.30	5.30	CLASS 2	35	126	62	22.05	0.49			
340	MADUMITHA	13	F	8	P	42	PHS	F	36	PHS	UE	F	P	1	4	UH	3	3	I	10.00	6.00	CLASS 2	40	127	75	24.80	0.59		OBESE	OBESE
341	KAVYA	12	F	8	P	41	HS	F	40	MS	UE	G	P	1	4	H	0	0	O	9.45	4.30	CLASS 2	31	130	63	18.34	0.48			
342	RITHIKA	13	F	8	P	43	D	F	31	HS	F	G	P	1	6	H	0	0	I	10.00	5.00	CLASS 1	35	120	75	24.31	0.63	OBESE	OBESE	OBESE
343	SWEDHA	13	F	8	P	44	D	F	40	D	P	G	P	1	4	H	2	2	O	9.00	6.30	CLASS 1	31	120	60	21.53	0.50			OBESE
344	GAYATHRI	13	F	8	P	40	D	F	38	PHS	UE	F	P	2	5	UH	3	5	I	9.30	6.30	CLASS 2	40	135	76	21.95	0.56		OBESE	
345	DHIKSHANA	13	F	8	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	10.00	4.30	CLASS 2	35	125	59	22.40	0.47			
346	SATHYAJOTHI	13	F	8	P	39	D	S	37	D	SP	F	P	0	3	UH	1	1	I	9.30	5.00	CLASS 2	35	126	60	22.05	0.48			
347	SUNITHA	13	F	8	P	45	P	P	35	PHS	P	G	P	1	4	H	2	2	I	9.00	6.00	CLASS 1	38	128	74	23.19	0.58		OBESE	OBESE
348	KAVYA	14	F	8	P	45	HS	F	36	MS	UE	D	P	1	6	H	0	0	O	10.00	4.30	CLASS 3	41	135	60	22.50	0.44			
349	GOWSHIK SHREE	14	F	8	P	39	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 2	38	141	65	19.11	0.46			
350	KOWSALYA	14	F	8	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	39	145	64	18.55	0.44			
351	KAAVYA	12	F	8	P	42	HS	F	32	D	UE	F	P	1	4	UH	0	0	O	10.00	4.30	CLASS 2	32	120	59	22.22	0.49			
352	KIRUTHIKA	13	F	8	P	42	HS	F	31	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 2	36	127	62	22.32	0.49			
353	PRATHIKSHA	13	F	8	P	44	D	P	39	D	P	F	P	1	6	UH	2	1	I	10.00	6.00	CLASS 2	49	145	76	23.31	0.52		OBESE	
354	LAKSHITHA SHREE	13	F	8	P	40	PG	F	37	PG	UE	F	P	1	6	UH	3	1	I	9.30	5.30	CLASS 2	43	130	75	25.44	0.58		OBESE	OBESE
355	AHALYA	13	F	8	P	43	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 1	35	126	62	22.05	0.49			
356	SANGEETHA	14	F	9	P	48	HS	F	45	PHS	UE	D	P	1	4	H	3	1	O	10.00	4.45	CLASS 2	40	133	62	22.61	0.47			
357	VARSHINI	14	F	9	P	40	PG	P	32	PG	P	G	P	1	4	UH	2	1	O	10.00	5.45	CLASS 1	42	135	65	23.05	0.48			
358	PRIYANKA	13	F	9	P	46	D	F	42	D	F	F	P	1	6	UH	4	3	I	10.00	6.30	CLASS 2	74	159	80	29.27	0.50	OBESE	OBESE	OBESE
359	HEERA	13	F	9	P	42	D	F	30	PHS	UE	G	P	2	5	H	3	2	I	11.00	7.00	CLASS 2	50	130	76	29.59	0.58	OBESE	OBESE	OBESE
360	NANDHANA	14	F	9	P	43	D	F	37	PG	F	G	P	1	4	UH	4	3	I	10.15	6.00	CLASS 2	60	134	78	33.42	0.58	OBESE	OBESE	OBESE
361	KAVI BHARATHI	14	F	9	P	42	PHS	F	42	PHS	F	E	P	1	4	UH	2	3	I	10.15	6.30	CLASS 2	67	128	80	40.89	0.63	OBESE	OBESE	OBESE
362	ABHI VARSHINI	13	F	9	P	40	MS	S	32	MS	UE	F	P	1	4	UH	1	1	O	9.45	5.00	CLASS 3	35	135	65	19.20	0.48			
363	SANJANA SRI	14	F	9	P	42	D	P	39	D	P	G	P	0	5	H	0.45	1	O	9.30	6.30	CLASS 1	36	128	62	21.97	0.48			
364	NANDHITHA	14	F	9	P	43	D	F	40	D	UE	E	P	0	3	H	1	1	O	10.15	4.00	CLASS 2	40	125	74	25.60	0.59			
365	SATHURTHANA	13	F	9	P	43	MS	F	40	HS	UE	E	P	0	3	H	2	1	I	10.15	4.00	CLASS 2	42	125	75	26.88	0.60		OBESE	OBESE
366	SAMYUKTHA	14	F	9	P	42	PG	P	39	D	UE	G	P	1	4	UH	1	1	I	9.30	6.30	CLASS 1	40	138	68	21.00	0.49			
367	GAYATHRI	14	F	9	P	46	PHS	F	43	D	S	G	P	1	5	UH	3	1	O	9.30	5.00	CLASS 2	65	137	78	34.63	0.57	OBESE	OBESE	OBESE
368	AHALYA	14	F	9	P	46	PHS	S	42	HS	UE	F	P	1	4	UH	3	1	O	9.00	6.00	CLASS 2	52	135	79	28.53	0.59	OBESE	OBESE	OBESE
369	MADHUMITHA	13	F	9	P	48	PHS	S	37	PHS	UE	F	P	1	6	H	1	1	O	10.00	5.00	CLASS 2	32	125	59	20.48	0.47			
370	PRIYADARSHINI	12	F	9	P	43	PHS	F	40	PHS	UE	F	P	2	5	UH	4	1	I	10.00	5.00	CLASS 2	34	132	58	19.51	0.44			

371	SARANYA	13	F	9	P	37	D	F	37	D	F	F	P	1	4	H	1	1	O	10.00	4.00	CLASS 2	40	132	56	22.96	0.42			
372	PRATHIKSHA	14	F	9	P	42	D	F	38	PHS	UE	F	P	1	4	UH	3	1	O	10.30	6.00	CLASS 2	39	132	58	22.38	0.44			
373	SHARMILA	14	F	9	P	46	HS	S	36	D	UE	C	P	1	4	H	1	1	O	10.30	5.30	CLASS 4	40	132	58	22.96	0.44			
374	PRIYADHARSHINI	14	F	9	P	49	D	F	46	HS	S	D	P	1	4	UH	4	2	I	10.00	6.00	CLASS 3	47	126	77	29.60	0.61	OBESE	OBESE	OBESE
375	ISWARYA	14	F	9	P	46	PG	P	40	D	P	G	P	1	5	UH	4	2	I	10.00	6.30	CLASS 2	49	136	78	26.49	0.57		OBESE	OBESE
376	MADHUMITHA	13	F	9	P	47	HS	P	40	D	PS	G	P	1	4	UH	2	2	O	10.30	6.00	CLASS 2	40	138	64	21.00	0.46			
377	DIVYA	14	F	9	P	46	PHS	F	42	PHS	UE	G	P	1	4	UH	4	2	I	10.30	6.30	CLASS 2	36	130	60	21.30	0.46			
378	NARMATHA	15	F	9	P	45	PG	F	35	HS	S	G	P	0	3	UH	3	3	O	10.00	6.00	CLASS 2	40	132	62	22.96	0.47			
379	ANU SHREE	13	F	9	P	42	HS	F	35	HS	F	G	P	1	4	UH	4	2	I	9.45	5.00	CLASS 2	65	125	82	41.60	0.66	OBESE	OBESE	OBESE
380	VASUNDRA	14	F	9	P	42	PG	P	39	D	UE	G	P	1	4	UH	4	2	I	10.00	7.00	CLASS 2	53	135	79	29.08	0.59	OBESE	OBESE	OBESE
381	VIKASHINI	14	F	9	P	35	D	SP	34	PG	P	G	P	0	4	UH	4	3	I	10.00	6.00	CLASS 1	70	157	75	28.40	0.48	OBESE		
382	VALLIAMMAI	13	F	9	P	42	D	SP	32	PHS	UE	F	P	1	4	UH	2	2	O	10.30	6.00	CLASS 2	35	134	64	19.49	0.48			
383	SUDHARSANA	13	F	9	P	42	D	F	39	PHS	UE	F	P	1	4	UH	4	1	O	10.30	5.00	CLASS 2	36	128	63	21.97	0.49			
384	NIKILA	14	F	9	P	45	HS	S	39	PG	P	F	P	1	4	UH	2	2	O	10.00	4.15	CLASS 2	40	132	62	22.96	0.47			
385	SRE VARSHAN	14	F	9	P	40	D	F	34	D	UE	F	P	2	5	UH	3	2	I	10.15	4.30	CLASS 2	40	131	63	23.31	0.48			
386	ABINAYA	14	F	9	P	40	D	F	35	D	UE	E	P	1	6	UH	3	2	I	10.15	4.30	CLASS 2	36	126	60	22.68	0.48			
387	ABINAYA SHREE	14	F	9	P	41	PG	P	40	PG	P	G	P	1	4	UH	1	1	O	10.00	6.00	CLASS 1	40	130	61	23.67	0.47			
388	VISDHYA SRI	14	F	9	P	41	HS	F	39	HS	F	G	P	1	4	UH	3	1	I	10.00	5.00	CLASS 2	48	130	77	28.40	0.59	OBESE	OBESE	OBESE
389	SARANYA	14	F	9	P	40	HS	F	33	PHS	UE	G	P	2	5	UH	2	1	I	9.45	6.30	CLASS 2	59	128	80	36.01	0.63	OBESE	OBESE	OBESE
390	ISWARYA KAMATCHI	15	F	9	P	42	D	P	37	D	UE	G	P	1	4	UH	2	2	O	10.00	5.00	CLASS 2	42	140	62	21.43	0.44			
391	SUBHASHREE	14	F	10	P	45	D	F	39	D	UE	G	G	1	5	UH	0	0	O	11.00	5.00	CLASS 2	45	156	60	18.49	0.38			
392	KEERTHI SREE	14	F	10	P	44	D	SP	42	D	UE	E	P	1	4	UH	1	1	O	11.00	4.00	CLASS 2	50	152	62	21.64	0.41			
393	SRINILA	15	F	10	P	40	D	SP	38	D	SP	E	P	0	3	H	0	0	I	10.00	4.30	CLASSS 2	60	158	80	24.03	0.51		OBESE	OBESE
394	AASHIKA	14	F	10	P	46	PG	P	45	PG	P	G	P	0	3	H	1.3	1	O	12.00	4.00	CLASS 1	45	153	70	19.22	0.46			
395	SABEETHA	15	F	10	P	42	PHS	F	39	PHS	UE	D	P	1	4	H	2	2	O	10.30	4.00	CLASS 3	68	165	78	24.98	0.47		OBESE	
396	MEGALA	14	F	10	P	45	HS	F	42	HS	F	G	P	1	4	UH	1	0	I	12.00	5.00	CLASS 2	42	123	77	27.76	0.63	OBESE	OBESE	OBESE
397	NAMITHA	15	F	10	P	41	D	F	36	PHS	UE	G	P	1	6	UH	2	0	O	10.00	4.00	CLASS 2	45	155	68	18.73	0.44			
398	ISWARIYA	15	F	10	P	42	PHS	S	39	PHS	UE	F	P	1	4	H	4	2	O	10.30	5.00	CLASS 3	65	150	79	28.89	0.53	OBESE	OBESE	OBESE
399	PRIYADARSHINI	15	F	10	P	48	PHS	F	43	PHS	-	F	P	1	3	H	0	0	O	11.00	5.30	CLASS 3	45	165	60	16.53	0.36			
400	DHANUSHAA	14	F	10	P	59	HS	P	48	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	50	156	61	20.55	0.39			
401	AISWARYA LAKSHMI	14	F	10	P	48	D	P	43	HS	UE	F	P	1	4	UH	2	1	O	12.00	4.30	CLASS 2	50	158	62	20.03	0.39			
402	JAISHREE	15	F	10	P	50	D	F	41	PHS	UE	G	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	62	164	64	23.05	0.39			
403	KRITHIKA	15	F	10	P	50	D	F	40	D	SP	G	P	1	4	UH	0	0	O	11.30	5.00	CLASS 2	45	162	62	17.15	0.38			
404	PRIYADHARSHINI	15	F	10	P	39	PHS	P	36	D	UE	G	P	1	4	H	4	1	O	10.30	4.00	CLASS 2	40	145	60	19.02	0.41			

405	SANDHYA	15	F	10	P	47	PHS	F	39	PHS	F	D	P	0	3	H	4	1	I	11.30	5.00	CLASS 3	89	159	85	35.20	0.53	OBESE	OBESE	OBESE
406	NITHYASHREE	15	F	10	P	49	D	P	43	PG	P	G	P	1	4	UH	1	1	O	10.00	4.00	CLASS 2	35	160	61	13.67	0.38			
407	RITHIKA SHRI	15	F	10	P	40	D	P	35	D	UE	F	P	0	3	UH	2	1	O	11.30	4.30	CLASS 2	40	160	76	15.63	0.48			
408	PAVITHRA	14	F	10	P	43	D	S	36	D	UE	F	P	1	4	H	2	1	O	12.00	4.00	CLASS 3	50	162	62	19.05	0.38			
409	ABIRAMI	14	F	10	P	48	D	P	43	MS	UE	F	P	1	4	H	2	0	O	10.00	5.00	CLASS 2	58	155	80	24.14	0.52		OBESE	OBESE
410	ABIRAMI SRI	14	F	10	P	45	I	F	36	I	UE	D	P	1	4	H	4	1	O	9.00	6.00	CLASS 4	35	150	73	15.56	0.49			
411	PRIYADHARSHINI	14	F	10	P	45	D	P	42	D	P	F	P	1	4	H	5	0	I	10.00	4.00	CLASS 2	60	155	78	24.97	0.50		OBESE	OBESE
412	SUMETHA	13	F	10	P	41	PHS	F	30	HS	UE	F	P	1	4	UH	0	0	O	11.30	4.30	CLASS 3	41	135	66	22.50	0.49			
413	GOKILAVANI	14	F	10	P	48	D	P	43	PHS	UE	F	P	1	4	H	2	0	O	12.00	4.00	CLASS 2	43	143	66	21.03	0.46			
414	AKSHAYA BALA VENKATESH	15	F	10	P	59	D	P	56	HS	UE	F	P	0	3	H	0	0	I	11.30	5.00	CLASS 2	50	150	65	22.22	0.43			
415	AISHWARIYA	14	F	10	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	46	167	60	16.49	0.36			
416	CHRISTINA CATHRINE	15	F	10	P	43	D	F	43	D	SP	G	P	0	3	H	1	1	O	9.00	5.00	CLASS 1	45	164	61	16.73	0.37			
417	KAVINA	14	F	10	P	43	HS	F	36	HS	UE	F	P	1	4	H	2	1	I	9.30	5.00	CLASS 2	40	155	60	16.65	0.39			
418	NIVETHITHA	15	F	10	P	46	HS	F	36	HS	UE	F	P	1	4	UH	2	0	I	8.30	5.00	CLASS 2	52	148	81	23.74	0.55		OBESE	OBESE
419	SUVETHA	14	F	10	P	43	HS	F	43	D	UE	F	P	1	4	UH	1	1	I	10.00	6.00	CLASS 3	40	160	76	15.63	0.48			
420	SNEHA	15	F	10	P	40	D	P	38	D	P	F	P	1	4	H	0	0	O	11.00	4.30	CLASS 2	53	158	72	21.23	0.46			
421	RATHI BARGAVI	15	F	10	P	64	PHS	UE	63	HS	S	D	P	0	3	UH	4	0	O	10.30	4.00	CLASS 3	35	150	73	15.56	0.49			
422	ABAGNA	15	F	10	P	47	D	SP	41	D	P	G	P	1	4	H	1	1	I	10.00	5.00	CLASS 2	38	162	60	14.48	0.37			
423	KAVI PRIYA	15	F	10	P	40	HS	F	38	PHS	UE	F	P	1	4	H	1	0	O	10.45	4.15	CLASS 3	53	158	65	21.23	0.41			
424	JANA PRETHA	15	F	10	P	40	D	P	37	PHS	UE	F	P	1	4	UH	0	0	O	10.30	4.30	CLASS 2	42	155	66	17.48	0.43			
425	VISWAVARDHINI	15	F	10	P	48	PG	P	45	D	UE	G	P	2	5	H	0.3	1	I	10.00	4.45	CLASS 2	40	160	60	15.63	0.38			
426	ANUSRI	13	F	9	G	40	PHS	S	36	HS	US	B	P	1	4	UH	2	0	I	9.00	6.00	CLASS 4	41.6	144	68	20.06	0.47			
427	KANDHAYEE	15	F	9	G	45	MS	US	43	MS	US	B	P	1	4	UH	2	0	O	9.00	7.00	CLASS 4	25.2	140.5	56	12.77	0.40			
428	SANGEETHA	14	F	9	G	38	MS	US	36	MS	US	B	P	1	6	UH	3	3	I	9.00	6.00	CLASS 4	36.5	151	57	16.01	0.38			
429	PRIYADHARSHINI	14	F	9	G	42	MS	S	35	PS	UE	C	P	1	4	UH	5	2	O	9.00	5.00	CLASS 3	46.8	155	64	19.48	0.41			
430	MOHANAPRIYA	15	F	9	G	38	D	F	32	MS	UE	B	P	1	4	H	3	1	I	9.00	6.00	CLASS 3	33.7	148	54	15.39	0.36			
431	GOKILA	13	F	9	G	-	-	-	35	MS	S	C	P	1	5	UH	3	1	I	9.30	6.00	CLASS 3	38.5	145	59	18.31	0.41			
432	NANDHINI	13	F	9	G	39	MS	US	33	HS	US	C	P	1	4	UH	3	1	I	9.00	6.00	CLASS 3	41.7	142	60	20.68	0.42			
433	VEERAMANI	14	F	9	G	42	MS	US	33	MS	US	B	P	1	4	-	3	1	O	9.00	7.00	CLASS 4	34	157	59	13.79	0.38			
434	ARUNA	14	F	9	G	39	PHS	US	30	MS	US	C	P	0	3	UH	5	3	O	9.00	6.00	CLASS 3	49	156	60	20.13	0.38			
435	ARTHIKA	13	F	9	G	48	HS	US	45	MS	US	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 3	46.2	160	61	18.05	0.38			
436	NITHYA	15	F	9	G	40	MS	US	30	MS	UE	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 2	43.2	152	62	18.70	0.41			
437	ARTHI	14	F	9	G	43	PHS	US	42	PS	US	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	44.6	149	63	20.09	0.42			
438	DEVI	14	F	9	G	45	PS	US	38	PHS	US	C	P	1	5	UH	2	1	O	9.00	6.00	CLASS 3	36.5	158	55	14.62	0.35			

439	PONNARASI	15	F	9	G	45	HS	F	42	PS	F	B	P	3	9	UH	5	3	O	9.00	5.00	CLASS 4	40.2	150	63	17.87	0.42			
440	MOHAMMADHREE	15	F	9	G	42	PS	US	38	PS	US	B	P	1	4	UH	0	0	O	10.00	7.00	CLASS 4	33.1	147	60	15.32	0.41			
441	VENNILA	15	F	9	G	39	MS	US	39	IL	US	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 4	55	158	76	22.03	0.48			
442	HEMAN	11	M	6	G	41	PHS	US	38	MS	US	B	P	1	4	UH	0	0	O	9.00	6.00	CLASS 4	28.5	135	49	15.64	0.36			
443	MANIKANDAN	12	M	6	G	41	PS	S	43	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	30.5	137	53	16.25	0.39			
444	VIVEK	12	M	6	G	33	PHS	S	32	HS	UE	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	30.8	151	53	13.51	0.35			
445	SATHISWARAN	11	M	6	G	43	HS	S	34	HS	S	B	P	2	5	UH	0	0	O	8.00	7.00	CLASS 3	29.2	143	51	14.28	0.36			
446	GANESH	12	M	6	G	39	MS	S	37	MS	UE	B	P	1	4	UH	5	3	O	10.00	8.00	CLASS 4	35	136	58	18.92	0.43			
447	KARNAN	11	M	6	G	50	MPS	UE	49	PS	US	B	P	1	5	UH	5	3	O	10.00	6.00	CLASS 4	23	121	51	15.71	0.42			
448	MUKILAN	11	M	6	G	38	PHS	S	38	PHS	S	C	P	2	5	UH	4.5	2	O	10.00	6.00	CLASS 3	24	129	51	14.42	0.40			
449	GOWSIK	11	M	6	G	50	MS	UE	35	HS	US	B	P	1	4	UH	6	3	O	10.00	6.00	CLASS 4	22.5	130	50	13.31	0.38			
450	VISHWAPANDIAN	12	M	6	G	40	D	S	35	MS	US	C	P	1	4	UH	6	3	O	11.00	6.00	CLASS 3	31.8	141	54	16.00	0.38			
451	SOWNYAI	13	F	6	G	37	D	S	35	IL	S	B	P	2	5	-	1	0	I	8.00	6.00	CLASS 3	38.5	144	59	18.57	0.41			
452	ADHILAKSHMI	11	F	6	G	38	HS	S	33	MS	S	C	P	0	4	-	1	1	I	9.00	6.00	CLASS 3	32.9	133	61	18.60	0.46			
453	JOTHILAKSHMI	11	F	6	G	46	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	25	130	49	14.79	0.38			
454	CHARU NETHRA	11	F	6	G	47	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	29.6	143	53	14.48	0.37			
455	PRADEPA	11	F	6	G	45	PHS	S	37	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	24.7	134	50	13.76	0.37			
456	LILLA	12	F	6	G	38	HS	S	36	MS	S	C	P	2	5	UH	9	3	O	10.00	6.00	CLASS 3	30	143	54	14.67	0.38			
457	YUVASHREE	11	F	6	G	37	HS	S	36	HS	UE	C	P	1	5	UH	1	1	I	11.00	5.00	CLASS 3	27.7	137	54	14.76	0.39			
458	DIVYA	12	F	6	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	6	3	I	9.00	6.00	CLASS 4	31	131	55	18.06	0.42			
459	MANISHA	15	F	8	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	36.6	160	52	14.30	0.33			
460	SONAL	14	F	8	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	30.3	146	51	14.21	0.35			
461	YAZHINI	13	F	8	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	48.5	153	60	20.72	0.39			
462	SARMILA	14	F	8	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	40	156	57	16.44	0.37			
463	MAHESWARI	13	F	8	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	43.5	159	57	17.21	0.36			
464	SUJI	12	F	8	G	36	MS	US	35	MS	US	B	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	32	141	52	16.10	0.37			
465	NANDHINI	13	F	8	G	36	MS	US	35	MS	US	C	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	34.7	141	59	17.45	0.42			
466	SANDHIYA	13	F	8	G	42	IL	US	35	IL	US	B	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	32.5	142	58	16.12	0.41			
467	HAZEENA	13	F	8	G	34	MS	S	33	PHS	UE	C	P	1	4	UH	2	1	O	8.30	6.00	CLASS 3	40.9	151	57	17.94	0.38			
468	RAJESWARI	13	F	8	G	40	MS	S	38	MS	UE	B	P	2	5	UH	2	1	O	9.30	6.00	CLASS 3	37	142	58	18.35	0.41			
469	SRIDEVI	13	F	8	G	40	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	42.7	147	62	19.76	0.42			
470	ISHWARYA	13	F	8	G	40	HS	US	35	MS	US	B	P	0	3	UH	12	3	O	8.00	6.00	CLASS 4	36.1	141	56	18.16	0.40			
471	SWETHA	13	F	8	G	40	HS	S	38	MS	US	C	P	0	3	UH	2	1	O	9.30	5.30	CLASS 3	55.8	144.5	82	26.72	0.57		OBESE	OBESE
472	POOJA	12	F	7	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	6	3	I	9.00	6.00	CLASS 4	22.7	127	47	14.07	0.37			

473	TAMILARASI	11	F	7	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	29.5	135	51	16.19	0.38			
474	ABIRAMI	12	F	7	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	28.6	145	47	13.60	0.32			
475	MONISHA	13	F	7	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	6	2	I	9.00	6.00	CLASS 4	25	127	48	15.50	0.38			
476	SANTHARA	13	F	7	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	40.4	152	55	17.49	0.36			
477	RESHMA	14	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	37	149	59	16.67	0.40			
478	ABITHA	12	F	7	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	26.4	141	47	13.28	0.33			
479	KIRUTHIKA LAKSHMI	12	F	7	G	45	MS	US	40	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	25	137	47	13.32	0.34			
480	GAYATHRI	12	F	7	G	40	HS	US	36	PS	UE	B	P	2	5	UH	2	1	I	9.00	7.00	CLASS 4	43.6	141	71.7	21.93	0.51		OBESE	OBESE
481	KOWSALYA	12	F	7	G	42	MS	F	34	MS	S	C	P	1	4	UH	0	0	O	11.00	6.00	CLASS 3	30.2	130	51	17.87	0.39			
482	DIVYA	12	F	7	G	64	HS	UE	59	PS	US	C	P	0	2	UH	3	2	O	1.00	7.00	CLASS 4	27.6	136	48	14.92	0.35			
483	NANDHINI	12	F	7	G	34	MS	S	36	MS	S	B	P	1	4	-	1	0	O	11.00	6.00	CLASS 3	30.2	140	51	15.41	0.36			
484	DHANYALAKSHMI	12	F	7	G	36	HS	F	33	MS	US	D	P	1	4	-	2	0	I	11.00	7.00	CLASS 3	34.2	142	55	16.96	0.39			
485	KAVIYA	12	F	7	G	54	PHS	F	45	HS	F	C	P	1	4	UH	0.3	0	I	10.30	6.00	CLASS 3	23.7	129	49	14.24	0.38			
486	ADITH	13	M	7	G	50	D	S	45	IL	UE	E	P	1	3	-	2	1	I	9.00	5.00	CLASS 3	39.7	144	51	19.15	0.35			
487	NAVEEN KUMAR	12	M	7	G	47	PHS	S	43	HS	UE	C	P	1	4	UH	1	0	O	10.00	8.00	CLASS 3	28.4	136	53	15.35	0.39			
488	SATHVEER	13	M	7	G	31	PHS	S	30	HS	UE	C	P	2	5	UH	1	0	I	10.00	7.00	CLASS 3	39.3	154	56	16.57	0.36			
489	VIGNESH	11	M	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	25	143	45	12.23	0.31			
490	AMEER BASHA	12	M	7	G	32	MS	US	31	HS	UE	B	P	1	4	UH	1	3	I	9.30	7.00	CLASS 4	29.5	140	55	15.05	0.39			
491	ROSHAN	12	M	7	G	42	MS	US	32	D	UE	C	P	1	4	UH	0.2	1	I	9.00	6.00	CLASS 4	26.5	135	44	14.54	0.33			
492	DHANUSH	12	M	7	G	47	PS	S	37	HS	UE	C	P	2	5	UH	1	1	O	9.30	6.30	CLASS 3	34.5	140	57	17.60	0.41			
493	SASIKUMAR	12	M	7	G	35	MS	US	30	MS	UE	C	P	1	5	UH	8	3	O	10.00	7.00	CLASS 4	33.6	148	55	15.34	0.37			
494	VIDNESHWARAN	12	M	7	G	45	PHS	S	40	MS	UE	C	P	2	4	UH	1	1	O	10.00	6.30	CLASS 3	40.3	133	72	22.78	0.54		OBESE	OBESE
495	VISHNUWARTHAN	11	M	7	G	34	HS	S	30	HS	S	C	GP	1	4	UH	1	1	I	10.00	6.00	CLASS 4	44.2	151	64	19.39	0.42			
496	KIRISHTOBER	12	M	7	G	43	MS	S	32	PS	UE	B	P	3	4	UH	0.1	1	I	10.00	7.00	CLASS 4	27.8	136	51	15.03	0.38			
497	SARAN	13	M	8	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	31.2	141	59	15.69	0.42			
498	KARAN	13	M	8	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	33	143	53	16.14	0.37			
499	SARAN	13	M	8	G	47	MS	UE	50	MS	US	B	P	1	4	UH	6	3	O	9.00	6.00	CLASS 4	37	142	68	18.35	0.48			
500	ILAIYARAJA	13	M	8	G	36	PS	S	35	IL	UE	B	P	2	5	UH	7	3	O	10.00	8.00	CLASS 4	29	144	57	13.99	0.40			
501	PASUBATHI	13	M	8	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	40	153	62	17.09	0.41			
502	ARJUN	12	M	8	G	42	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	30.1	148	55	13.74	0.37			
503	SURYA	12	M	8	G	42	MS	S	31	PS	US	C	P	2	5	UH	2	0	I	10.00	9.00	CLASS 3	39.4	148	68	17.99	0.46			
504	SAMUVEL PRABHU	12	M	8	G	40	MS	S	30	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	26.2	132	52	15.04	0.39			
505	LARANS	13	M	8	G	42	PS	S	40	HS	S	C	P	3	6	UH	1	1	O	9.00	4.00	CLASS 3	36.4	148	62	16.62	0.42			
506	AJITH	14	M	8	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	41	143	67	20.05	0.47			

507	SAKTHI VIGNESH	14	M	8	G	50	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	39.2	155	59	16.32	0.38			
508	DINESH	13	M	8	G	40	PS	S	36	MS	S	B	P	1	3	UH	3	2	O	10.00	4.30	CLASS 4	37	144	62	17.84	0.43			
509	SOWNDAR RAJ	13	M	8	G	35	MS	S	30	MS	US	C	P	1	4	UH	2	1	O	10.00	6.00	CLASS 4	30	134	54	16.71	0.40			
510	SANGAMESHWARAN	13	M	8	G	34	PS	S	32	PS	UE	C	P	0	3	UH	2	0	O	9.00	6.30	CLASS 4	47.5	147	72	21.98	0.49			
511	NAVEENKUMAR	12	M	8	G	55	PHS	S	52	IL	US	B	P	1	5	UH	6	3	I	9.00	6.00	CLASS 4	56	151	82	24.56	0.54		OBESE	OBESE
512	KARTHIK	13	M	8	G	40	PS	US	30	IL	US	C	P	3	6	-	1	1	O	9.00	6.00	CLASS 4	44	151	78	19.30	0.52		OBESE	OBESE
513	RAHUL	14	M	8	G	48	D	S	33	IL	UE	E	P	1	4	-	1	0	I	9.00	7.00	CLASS 3	54	153	84	23.07	0.55		OBESE	OBESE
514	HARISH	13	M	8	G	46	MS	S	36	HS	UE	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	46	140	72	23.47	0.51			OBESE
515	MAHALIMGAM	13	M	8	G	43	PS	S	35	PS	US	B	P	2	5	UH	2	2	O	10.00	8.00	CLASS 4	27	133	47	15.26	0.35			
516	SUMAN	15	M	9	G	48	D	US	42	HS	US	B	G	2	3	-	2	0	O	10.00	6.00	CLASS 4	49.2	173	71	16.44	0.41			
517	SOWDAR RAJ	14	M	9	G	37	PS	UE	29	PS	US	C	P	1	4	UH	2	1	I	8.30	6.30	CLAAS 3	30.3	150	50	13.47	0.33			
518	THAMAIKANNAN	14	M	9	G	54	MS	US	50	PS	US	C	P	1	4	UH	1	1	O	11.00	6.30	CLASS 4	30	152	58	12.98	0.38			
519	RAJA	15	M	9	G	36	PS	US	36	PS	US	B	P	2	5	H	2	1	O	11.00	6.00	CLASS 4	42.5	162	64	16.19	0.40			
520	RUBAVIGNESH	14	M	9	G	42	MS	S	35	MS	UE	D	P	0	3	UH	5	3	O	9.00	5.00	CLASS 3	31.2	137	57	16.62	0.42			
521	ARAVINTH	15	M	9	G	42	IL	US	38	IL	US	B	P	2	5	UH	2	0	O	9.00	6.00	CLASS 4	36.4	160	63	14.22	0.39			
522	RAMESH	15	M	9	G	50	HS	S	60	MS	UE	C	P	1	4	UH	2	1	O	9.00	6.00	CLASS 4	41.3	161	62	15.93	0.39			
523	SURESHBABU	14	M	9	G	80	IL	US	67	IL	US	B	P	0	3	UH	6	3	O	9.00	6.00	CLASS 4	56	162	74	21.34	0.46			
524	VASANTH	15	M	9	G	49	HS	F	38	MS	UE	C	P	3	6	UH	0	0	O	10.00	6.00	CLASS 4	51	163	69	19.20	0.42			
525	RANGANATHAN	14	M	9	G	40	PS	US	35	MS	US	C	P	2	5	UH	5	2	O	9.00	6.00	CLASS 4	35.6	162	60	13.57	0.37			
526	MUKESH	14	M	9	G	40	MS	S	38	MS	US	C	P	1	4	UH	5	3	O	11.00	6.00	CLASS 3	31.5	155	53	13.11	0.34			
527	JEEVA	13	M	9	G	-	-	-	38	HS	US	B	P	1	4	UH	3	1	O	8.30	6.00	CLASS4	39.5	156	67	16.23	0.43			
528	SELLAPPAN	14	M	9	G	40	IL	US	39	IL	US	C	P	2	3	UH	3	0	O	9.00	8.00	CLASS 4	30.1	147	55	13.93	0.37			
529	ANANDH	15	M	9	G	41	HS	US	31	MS	US	B	P	1	7	UH	7	3	O	9.00	6.00	CLASS 4	28.5	145	53	13.56	0.37			
530	BASKAR	15	M	9	G	42	MS	F	39	MS	UE	D	P	1	4	UH	6	3	O	9.00	6.00	CLASS 3	45.3	165	67	16.64	0.41			
531	MOHAMMAD RIYAS	14	M	9	G	-	-	-	37	HS	S	C	P	1	4	UH	3	0	O	10.00	7.00	CLASS 4	29.7	151	57	13.03	0.38			
532	BARANI	14	M	9	G	42	IL	US	32	IL	US	C	P	1	4	UH	5	2	O	9.30	6.00	CLASS 4	31.6	145	51	15.03	0.35			
533	ARAVINTH	13	M	9	G	49	HS	F	38	MS	F	C	P	3	6	UH	3	1	O	10.00	7.00	CLASS4	62.2	155	86	25.89	0.55		OBESE	OBESE
534	SAKTHI	15	M	9	G	40	MS	S	35	PS	UE	C	P	2	5	UH	3	1	O	9.00	6.00	CLASS 4	71.3	168	87	25.26	0.52		OBESE	OBESE
535	KASI VISWANATHAN	15	M	10	G	39	PS	US	38	PS	US	C	P	1	4	UH	4	1	O	10.00	6.30	CLASS 4	41.6	161	59	16.05	0.37			
536	SUBASH	15	M	10	G	43	D	P	38	HS	UE	D	P	2	5	-	1	2	I	9.30	6.00	CLASS 3	63	159	82	24.92	0.52			OBESE
537	AJITH	15	M	10	G	46	MS	US	36	PS	US	D	P	0	5	UH	1	3	O	9.00	5.00	CLASS 3	36.9	141	60	18.56	0.43			
538	SAKTHIVEL	14	M	10	G	48	MS	US	45	IL	US	B	P	0	3	UH	0.3	2	O	8.00	6.00	CLASS 4	38	151	55	16.67	0.36			
539	SHAJEK	15	M	10	G	38	PS	F	34	HS	F	D	P	1	4	UH	2	1	I	10.00	5.00	CLASS 3	46.6	160	68	18.20	0.43			
540	SIVASAKTHI	15	M	10	G	36	MS	US	34	HS	US	E	P	1	4	UH	3	1	I	7.00	6.00	CLASS 3	39.5	162	61	15.05	0.38			

541	SABARI MENAGARAJ	14	M	10	G	38	D	F	34	HS	UE	C	P	2	5	UH	2	1	O	9.00	7.30	CLASS 4	50.3	161	71	19.41	0.44			
542	PRABHU	15	M	10	G	40	PS	US	38	PS	US	B	P	1	4	UH	2	1	I	10.00	6.00	CLASS 4	30.9	159	61	12.22	0.38			
543	PRADAP	15	M	10	G	40	PS	US	38	PS	US	C	G	4	6	UH	3	3	O	9.00	6.00	CLASS 4	41.4	152	61	17.92	0.40			
544	ARJUN	14	M	10	G	38	PS	US	35	PS	US	D	P	0	5	UH	2	2	O	9.00	6.00	CLASS 3	36	142	59	17.85	0.42			
545	KARTHIKEYAN	15	M	10	G	48	MS	US	41	HS	US	C	P	0	3	UH	-	-	O	8.30	6.00	CLASS 4	53.4	170	72	18.48	0.42			
546	RAJASEKAR	15	M	10	G	38	MS	US	35	PS	US	D	G	0	8	UH	1	1	O	8.00	6.00	CLASS 3	39.3	152	58	17.01	0.38			
547	MANIKANDAN	14	M	10	G	56	PS	US	38	PS	US	E	P	2	5	UH	5	3	O	10.30	7.30	CLASS 3	31.7	159	59	12.54	0.37			
548	YOGARAJ	15	M	10	G	46	MS	US	37	PS	US	C	P	1	4	H	2	1	O	11.00	6.00	CLASS 4	33.7	159	60	13.33	0.38			
549	PRASATH	15	M	10	G	-	-	-	42	HS	US	C	P	1	3	UH	2	2	O	9.00	6.00	CLASS 4	32.7	143	60	15.99	0.42			
550	GOKULA KRISHNAN	15	M	10	G	48	D	US	35	MS	US	C	P	1	4	UH	2	2	O	11.30	5.00	CLASS 4	40.6	158	66	16.26	0.42			
551	RAJAGURU	15	M	10	G	38	HS	S	32	HS	UE	C	P	3	8	UH	1	-	O	9.00	6.00	CLASS 4	53.1	157	76	21.54	0.48			OBESE
552	SIVARAMAN	15	M	10	G	58	PS	US	36	PS	US	C	P	1	7	UH	1	2	O	8.00	5.00	CLASS 4	41	148	68	18.72	0.46			
553	DHANAPAL	15	M	10	G	45	MS	US	35	HS	US	A	P	0	7	UH	1	0	O	1.00	6.00	CLASS 4	35.5	159	58	14.04	0.36			
554	KARANESH	15	M	10	G	42	MS	US	36	PS	US	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 4	61.9	168	73	21.93	0.43			
555	PADAIYAPPA	15	M	10	G	49	IL	US	39	IL	US	C	P	4	7	UH	-	-	O	9.00	6.00	CLASS 4	51.8	164	70	19.26	0.43			
556	PRABHU	15	M	10	G	36	HS	US	28	MS	US	E	P	1	4	UH	2	2	O	10.00	6.30	CLASS 3	44	167	64	15.78	0.38			
557	NAGARAJ	15	M	10	G	32	HS	US	31	PHS	US	C	P	1	4	UH	3	2	O	9.30	7.30	CLASS 4	46	160	62	17.97	0.39			
558	POUNRAJ	15	M	10	G	62	IL	US	40	IL	US	D	P	2	5	UH	2	2	O	10.30	7.00	CLASS 4	55.4	166	68	20.10	0.41			
559	KANNAN	15	M	10	G	36	HS	S	33	MS	UE	G	P	1	4	UH	2	2	O	11.00	7.00	CLASS 3	42.2	160	60	16.48	0.38			
560	MARIKANI	15	M	10	G	45	IL	US	37	IL	US	E	P	0	5	UH	2	1	O	11.00	7.00	CLASS 3	50	175	68	16.33	0.39			
561	SURESH KRISHNA	15	M	10	G	40	MS	US	36	PS	US	C	P	1	4	-	-	-	O	10.00	6.30	CLASS 4	44.6	162	64	16.99	0.40			
562	ARAVINDH	15	M	10	G	58	HS	S	45	HS	UE	E	P	1	5	UH	2	2	O	10.30	7.00	CLASS 3	44	161	60	16.97	0.37			
563	GOKUL	15	M	10	G	52	MS	US	45	PS	UE	D	P	0	3	UH	3	2	O	10.00	6.30	CLASS 4	48	172	71	16.22	0.41			
564	KAMATCHINATHAN	15	M	10	G	50	HS	US	40	PS	UE	C	P	2	5	UH	3	2	O	11.00	6.30	CLASS 4	54.5	176	71	17.59	0.40			
565	RONALD	15	M	10	G	45	D	S	34	HS	UE	E	P	1	4	UH	2	1	O	10.00	5.00	CLASS 3	35.9	159	61	14.20	0.38			
566	MANIKANDAN	15	M	10	G	40	IL	US	38	IL	UE	E	P	2	4	UH	3	2	O	11.00	6.30	CLASS 3	65	169	83	22.76	0.49		OBESE	OBESE
567	BALAKUMAR	15	M	10	G	45	HS	US	42	MS	US	D	P	0	2	UH	2	3	O	9.00	6.00	CLASS 3	53.1	151	83	23.29	0.55		OBESE	OBESE
568	HARSHITHA	14	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	37	149	59	16.67	0.40			
569	GAYATHRI	15	F	11	P	39	D	P	36	HS	UE	E	P	0	3	UH	1	0	O	11.00	5.00	CLASS 2	54	155	65	22.48	0.42			
570	MATHU	15	F	11	P	47	HS	F	45	HS	UE	G	P	0	3	H	1	1	O	10.30	5.00	CLASS 1	53	159	63	20.96	0.40			
571	MONISHWARI	15	F	11	P	47	HS	F	42	HS	UE	D	P	1	4	H	1	0	O	10.30	4.30	CLASS 3	54	149	61	24.32	0.41			
572	KANISHKA	15	F	11	P	43	D	P	39	D	P	F	P	1	4	H	2	1	O	9.00	4.30	CLASS 2	40	153	58	17.09	0.38			
573	SUMITHRA	15	F	11	P	49	HS	F	39	HS	F	G	P	1	6	H	1	2	O	10.00	4.30	CLASS 3	60	166	65	21.77	0.39			
574	MALINE	15	F	11	P	44	D	P	38	D	P	G	P	0	3	UH	3	0	O	10.30	4.30	CLASS 1	49	159	60	19.38	0.38			

575	ANUSHIYA	15	F	11	P	46	D	P	37	HS	F	G	P	1	4	UH	0	0	O	10.30	4.30	CLASS 1	44	150	68	19.56	0.45			
576	DEVADARSHINI	15	F	11	P	50	PHS	F	44	PHS	F	G	P	0	3	H	2	2	I	9.30	6.00	CLASS 2	42	149	65	18.92	0.44			
577	SNEHA SREE	15	F	11	P	50	D	P	46	D	UE	G	P	1	4	UH	1	1	O	11.30	6.00	CLASS 2	40	150	57	17.78	0.38			
578	JAYASRI	15	F	11	P	42	HS	F	38	HS	F	G	P	1	4	UH	0	0	O	11.00	4.30	CLASS 3	48	154	60	20.24	0.39			
579	PRIYADARSHII	15	F	11	P	42	D	F	36	D	UE	G	P	1	4	UH	1	2	O	9.30	5.00	CLASS 2	45	148	65	20.54	0.44			
580	ADITHI	15	F	11	P	50	D	F	42	D	F	G	P	1	4	UH	3	2	I	11.00	7.00	CLASS 2	60	150	78	26.67	0.52	OBESE	OBESE	OBESE
581	NITHI NANDHA	15	F	11	P	50	D	F	38	D	F	G	P	1	4	UH	0	0	I	11.00	7.00	CLASS 2	61	152	79	26.40	0.52	OBESE	OBESE	OBESE
582	ANITHA	15	F	11	P	42	HS	F	34	HS	UE	G	P	1	4	H	3	2	O	11.00	5.30	CLASS 2	42	156	65	17.26	0.42			
583	DEEPALAKSHMI	15	F	11	P	42	PS	F	37	MS	UE	G	P	1	4	UH	3	1	O	10.30	4.00	CLASS 2	44	149	68	19.82	0.46			
584	PRADHARSANA	15	F	11	P	48	PG	F	39	PG	UE	G	P	1	4	UH	2	2	I	10.00	5.00	CLASS 3	44	162	65	16.77	0.40			
585	MADHUVATHANA	15	F	11	P	50	D	F	49	D	P	G	P	1	4	UH	4	3	I	10.30	5.30	CLASS 2	63	155	78	26.22	0.50	OBESE	OBESE	OBESE
586	KAVYA	15	F	11	P	44	HS	F	34	PHS	UE	G	P	1	4	H	0	0	O	10.00	4.00	CLASS 3	38	152	64	16.45	0.42			
587	ISWARIYA	15	F	11	P	42	HS	S	36	PHS	UE	F	P	1	4	UH	1	2	O	10.00	4.30	CLASS 3	45	152	70	19.48	0.46			
588	SAMRAKSHANA	15	F	11	P	40	D	F	39	D	P	G	P	1	6	H	0	0	O	10.00	5.30	CLASS 2	40	152	65	17.31	0.43			
589	SRUTHI	15	F	11	P	48	HS	S	45	HS	UE	F	P	0	3	UH	2	1	I	10.30	6.30	CLASS 3	60	154	78	25.30	0.51		OBESE	
590	ADHARSHINI	15	F	11	P	46	D	F	43	PG	UE	G	P	1	4	H	1	0	O	10.30	5.30	CLASS 2	56	160	68	21.88	0.43			
591	SILAMBARASAN	15	M	11	P	43	MS	S	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	42	160	63	16.41	0.39			
592	KARTHIK	15	M	11	P	58	PHS	S	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 3	40	157	57	16.23	0.36			
593	MAHESH	15	M	11	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	40	155	56	16.65	0.36			
594	NIKILAN	15	M	11	P	40	HS	S	35	D	UE	D	P	1	4	UH	4	2	I	11.00	7.00	CLASS 3	45	155	65	18.73	0.42			
595	KARNAN	15	M	11	P	38	HS	US	36	HS	UE	C	P	1	4	UH	4	1	O	8.00	5.00	CLASS 4	36	147	58	16.66	0.39			
596	RAJKUMAR	15	M	11	P	39	PS	F	29	HS	UE	C	P	2	5	UH	2	1	O	9.00	5.00	CLASS 3	40	155	65	16.65	0.42			
597	CHANDRU	15	M	11	P	42	PHS	S	38	HS	UE	D	P	1	8	UH	2	0	O	9.30	6.00	CLASS 3	38	145	59	18.07	0.41			
598	THARUN	15	M	11	P	38	MS	S	35	HS	UE	B	P	1	4	H	2	0	I	10.00	7.00	CLASS 2	38	145	54	18.07	0.37			
599	SANTHOSH	15	M	11	P	40	MS	F	35	PS	UE	F	P	2	5	UH	3	1	O	9.00	6.00	CLASS 3	65	160	82	25.39	0.51		OBESE	OBESE
600	SHRI GANESH	15	M	11	P	45	PHS	F	35	PHS	UE	G	P	1	4	UH	5	3	O	11.30	6.00	CLASS 2	45	150	58	20.00	0.39			
601	NIRANJAN	15	M	11	P	42	HS	F	38	D	UE	G	P	0	3	UH	6	3	O	11.00	6.00	CLASS 2	40	157	57	16.23	0.36			
602	ADITHYA	15	M	11	P	41	P	F	39	PHS	UE	F	P	1	4	UH	5	0	I	10.30	6.30	CLASS 2	40	155	56	16.65	0.36			
603	ANIRUDTH	15	M	11	P	48	P	F	42	HS	UE	D	P	1	4	UH	6	3	I	10.00	6.30	CLASS 2	45	155	65	18.73	0.42			
604	MANIKANDAN	15	M	11	P	44	D	P	42	D	UE	G	P	1	4	UH	3	1	O	11.30	6.00	CLASS 1	40	147	58	18.51	0.39			
605	PRABHU	15	M	11	P	43	MS	P	33	MS	UE	C	P	2	6	UH	3	1	I	9.00	6.45	CLASS 2	45	140	79	22.96	0.56		OBESE	OBESE
606	DINESH	15	M	11	P	42	PHS	F	40	HS	F	E	P	1	5	UH	2	1	I	10.00	6.45	CLASS 2	42	138	79	22.05	0.57		OBESE	OBESE
607	BALASUBRAMANIAM	15	M	11	P	39	D	P	36	HS	UE	E	P	0	3	UH	1	0	O	11.00	5.00	CLASS 2	50	169	60	17.51	0.36			
608	UDHYAKUMAR	15	M	11	P	48	HS	F	45	HS	UE	G	P	0	3	H	1	1	O	10.30	5.00	CLASS 1	41	140	51	20.92	0.36			

609	RAVI	15	M	11	P	50	HS	F	42	HS	UE	D	P	1	4	H	1	0	O	11.00	7.00	CLASS 3	40	175	70	13.06	0.40			
610	JOSEPH	15	M	11	P	43	D	P	41	D	P	F	P	1	4	H	2	1	O	10.30	6.30	CLASS 2	45	156	61	18.49	0.39			
611	SENTHIL	15	M	11	P	49	HS	F	45	HS	F	G	P	1	6	H	1	2	O	10.00	6.00	CLASS 3	44	150	70	19.56	0.47			
612	ARUNKUMAR	15	M	11	P	44	D	P	40	D	P	G	P	0	3	UH	3	0	O	10.30	6.30	CLASS 1	50	147	68	23.14	0.46			
613	RAMKUMAR	11	M	7	P	42	MS	SH	31	HS	S	C	P	1	4	UH	4	1	I	10.00	4.00	CLASS 3	48	146	73	22.52	0.50	OBESE	OBESE	OBESE
614	PRAVEEN	11	M	7	P	42	MS	F	31	HS	F	C	P	1	4	UH	4	1	O	10.00	4.00	CLASS 2	38	145	62	18.07	0.43			
615	NITHIN	11	M	7	P	54	MS	UE	40	PS	S	C	P	1	4	H	2	1	O	9.50	6.50	CLASS 3	35	143	61	17.12	0.43			
616	MUSTHAFFA	11	M	7	P	42	MS	S	33	HS	F	B	P		3	UH	2	1	O	9.50	6.50	CLASS 3	37	144	63	17.84	0.44			
617	VARUN	11	M	7	P	41	HS	SS	34	MS	F	C	P	1	4	UH	3	3	I	8.50	5.50	CLASS 2	48	154	71	20.24	0.46		OBESE	
618	NIKILESH	11	M	7	P	34	MS	S	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 3	40	150	67	17.78	0.45			
619	BALAJI	11	M	7	P	41	D	P	30	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	44	151	66	19.30	0.44			
620	TRILOK	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	I	8.50	5.00	CLASS 3	50	155	69	20.81	0.45		OBESE	
621	PRASANNA	11	M	7	P	37	MS	S	35	HS	UE	B	P	2	7	UH	2	1	O	9.50	6.00	CLASS 3	36	145	62	17.12	0.43			
622	KAVIN	11	M	7	P	35	MS	F	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 2	35	145	61	16.65	0.42			
623	HEMESH	11	M	7	P	40	D	P	32	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	40	150	66	17.78	0.44			
624	KRISHNA	11	M	7	P	46	MS	US	32	MS	UE	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 3	33	139	59	17.08	0.42			
625	SRIRAM	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	O	8.50	5.00	CLASS 3	30	138	57	15.75	0.41			
626	ARUN	11	M	7	P	45	D	P	35	D	S	D	P	1	4	UH	2.5	1	I	10.00	5.50	CLASS 2	40	140	71	20.41	0.51		OBESE	OBESE
627	SKANTHA	11	M	7	P	43	PHS	SP	42	PHS	SP	E	P	1	4	UH	3.5	2	O	10.00	6.00	CLASS 2	34	142	60	16.86	0.42			
628	SANTHESH	11	M	7	P	39	PS	F	34	HS	UE	C	P	1	4	UH	6	1	O	11.30	7.00	CLASS 3	37	144	61	17.84	0.42			
629	PRANAV	11	M	7	P	43	MS	F	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	36	143	59	17.60	0.41			
630	ARSATH	11	M	7	P	58	PHS	P	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 2	40	147	67	18.51	0.46			
631	KANISHK	11	M	7	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	32	141	56	16.10	0.40			
632	SARRVESH	11	M	7	P	48	D	SH	45	PD	P	D	P	0	3	UH	4	2	I	10.00	6.00	CLASS 3	53	160	83	20.70	0.52		OBESE	OBESE
633	NAVIN	11	M	7	P	42	D	S	37	IL	UE	B	P	1	4	H	4	1	O	9.00	5.00	CLASS 3	43	150	67	19.11	0.45			
634	NAVEEN PRABHU	11	M	7	P	39	D	F	30	MS	UE	C	P	3	6	UH	2	1	O	9.00	6.00	CLASS 2	42	149	68	18.92	0.46			
635	SATHISH	11	M	7	P	42	D	S	38	MS	UE	C	P	1	4	UH	4	1	O	9.50	7.00	CLASS 3	45	155	63	18.73	0.41			
636	SASEENTHIRAN	11	M	7	P	45	MS	S	41	HS	UE	D	P	1	4	UH	3	1	O	12.00	7.00	CLASS 3	31	139	58	16.04	0.42			
637	SASITHARAN	11	M	7	P	36	PHS	S	32	HS	UE	C	P	1	4	UH	1	1	O	9.00	6.00	CLASS 2	39	152	68	16.88	0.45			
638	KESHAVAN	11	M	7	G	31	PHS	S	30	HS	UE	C	P	2	5	H	1	0	I	10.00	7.00	CLASS 3	30	138	57	15.75	0.41			
639	MANIKANDAN	11	M	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	26	133	52	14.70	0.39			
640	VASANTH	11	M	7	G	42	MS	F	34	MS	S	C	P	1	4	UH	3	2	O	11.00	6.00	CLASS 3	48	145	73	22.83	0.50	OBESE	OBESE	OBESE
641	JAYARAM	11	M	7	G	43	MS	S	32	PS	UE	B	P	3	4	UH	0.1	1	I	10.00	7.00	CLASS 4	35	143	62	17.12	0.43			
642	SARAVANAN	11	M	7	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	33	143	56	16.14	0.39			

643	ARUN	11	M	7	G	40	HS	S	32	HS	S	B	GP	1	4	H	1	1	O	9.30	7.00	CLASS 4	35	144	62	16.88	0.43			
644	KARTHIK	11	M	7	G	45	MS	UE	42	MS	US	B	P	1	4	UH	3	3	O	9.00	6.00	CLASS 4	32	141	54	16.10	0.38			
645	JEYA CHANDRAN	11	M	7	G	36	PS	S	35	IL	UE	B	P	2	5	H	2	1	O	10.00	8.00	CLASS 4	41	148	67	18.72	0.45			
646	SURYA	11	M	7	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	38	145	58	18.07	0.40			
647	NIRMAL	11	M	7	G	42	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	25	132	55	14.35	0.42			
648	SARATHKUMAR	11	M	7	G	42	MS	S	31	PS	US	C	P	2	5	H	2	0	I	10.00	9.00	CLASS 3	37	146	62	17.36	0.42			
649	MURALI	11	M	7	G	34	MS	S	36	MS	S	B	P	1	4	UH	2	1	O	11.00	6.00	CLASS 3	44	150	69	19.56	0.46		OBESE	
650	CHANDRAN	11	M	7	G	40	MS	S	30	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	34	144	61	16.40	0.42			
651	AJITH	11	M	7	G	42	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	40	151	57	17.54	0.38			
652	VIJAY	11	M	7	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	28	137	56	14.92	0.41			
653	VIGNESWARAN	11	M	7	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	44	151	66	19.30	0.44			
654	HARI BASKAR	11	M	7	G	38	PS	S	32	MS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	35	145	50	16.65	0.34			
655	HARIHARAN	11	M	7	G	35	MS	S	30	MS	US	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 4	40	147	67	18.51	0.46			
656	GNAVEL	11	M	7	G	46	MS	S	36	HS	UE	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	45	148	70	20.54	0.47		OBESE	
657	IMANUEL	11	M	7	G	41	PS	S	43	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	42	151	66	18.42	0.44			
658	SABARISH	11	M	7	G	33	PHS	S	32	HS	UE	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	38	148	64	17.35	0.43			
659	PRADEEP	11	M	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	31	139	54	16.04	0.39			
660	SRIMAN	11	M	7	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	35	140	58	17.86	0.41			
661	PRASANTH	11	M	7	G	50	MPS	UE	49	PS	US	B	P	1	5	UH	1	1	O	10.00	6.00	CLASS 4	33	140	60	16.84	0.43			
662	JAYALAKSHMI	11	F	7	G	45	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	26	136	56	14.06	0.41			
663	SANGEETHA	11	F	7	G	47	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	31	139	55	16.04	0.40			
664	NEERJAHAN	11	F	7	G	42	PHS	S	37	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	32	148	57	14.61	0.39			
665	SABEENA	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	I	8.00	7.00	CLASS 3	51	145	72	24.26	0.50	OBESE	OBESE	OBESE
666	PARIMALA	11	F	7	G	38	PS	S	32	MS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	39	150	64	17.33	0.43			
667	SANDHYA	11	F	7	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	38	157	64	15.42	0.41			
668	RENUKA	11	F	7	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	34	143	61	16.63	0.43			
669	PRADEEPA	11	F	7	G	39	PHS	S	38	MS	UE	C	P	1	4	H	1	1	O	9.30	5.30	CLASS 3	45	156	63	18.49	0.40			
670	AARTHI	11	F	7	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	41	149	69	18.47	0.46		OBESE	
671	AMBIKA	11	F	7	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	44	144	65	21.22	0.45			
672	MALARKODI	11	F	7	G	37	PHS	S	30	HS	UE	C	P	1	5	H	2	1	O	8.00	6.00	CLASS 3	30	143	56	14.67	0.39			
673	MEENA	11	F	7	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	36	155	63	14.98	0.41			
674	TAMILARASI	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	UH	3	2	I	8.00	7.00	CLASS 3	60	163	79	22.58	0.48	OBESE	OBESE	
675	KAVITHA	11	F	7	G	45	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	32	138	59	16.80	0.43			
676	GAYATHRI	11	F	7	G	42	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	34	148	59	15.52	0.40			

677	INDHUMATHI	11	F	7	G	45	PHS	F	37	MS	US	B	P	1	4	H	2	0	O	10.00	6.00	CLASS 3	40	150	62	17.78	0.41			
678	PRIYADHARSHINI	11	F	7	G	38	HS	S	36	MS	S	C	P	2	5	UH	9	3	I	10.00	6.00	CLASS 3	40	144	73	19.29	0.51		OBESE	OBESE
679	BRINDHA	11	F	7	G	37	HS	S	36	HS	UE	C	P	1	5	UH	1	1	I	11.00	5.00	CLASS 3	36	136	60	19.46	0.44			
680	FATHEEMA	11	F	7	G	37	HS	US	33	PHS	UE	B	P	1	4	H	6	3	I	9.00	6.00	CLASS 4	40	148	64	18.26	0.43			
681	BRINDHADEVI	11	F	7	G	42	PS	S	40	HS	S	C	P	3	6	UH	1	1	I	9.00	4.00	CLASS 3	45	148	70	20.54	0.47		OBESE	
682	MELBHA	11	F	7	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	35	157	62	14.20	0.39			
683	JAYA	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	36	146	62	16.89	0.42			
684	ANUSHIYA	11	F	7	G	40	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	37	149	56	16.67	0.38			
685	BAKYALAKSHMI	11	F	7	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	35	141	62	17.60	0.44			
686	POOMATHI	11	F	7	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	45	158	63	18.03	0.40			
687	NITHYA	11	F	7	G	36	MS	US	35	MS	US	B	P	2	5	UH	12	3	I	9.00	6.00	CLASS 4	33	144	64	15.91	0.44			
688	ANITHA	11	F	7	G	36	MS	US	35	MS	US	C	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	35	158	62	14.02	0.39			
689	NANTHINI	11	F	7	G	40	IL	US	35	IL	US	B	P	2	5	UH	12	3	I	9.00	6.00	CLASS 4	42	150	71	18.67	0.47		OBESE	
690	DIVYA	11	F	7	G	34	MS	S	33	PHS	UE	C	P	1	4	H	2	1	O	8.30	6.00	CLASS 3	45	148	60	20.54	0.41			
691	AROKIYAMERI	11	F	7	G	40	MS	S	38	MS	UE	B	P	2	5	H	2	1	O	9.30	6.00	CLASS 3	35	144	56	16.88	0.39			
692	JAYANTHI	11	F	7	G	38	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	33	143	58	16.14	0.41			
693	POORNIMA	11	F	7	G	40	HS	US	35	MS	US	B	P	0	3	H	12	3	I	8.00	6.00	CLASS 4	44	159	62	17.40	0.39			
694	ABIRAMI	11	F	7	G	40	HS	S	32	HS	S	B	GP	1	4	UH	2	1	I	9.30	7.00	CLASS 4	43	149	74	19.37	0.50		OBESE	OBESE
695	VASANTHI	11	F	7	G	40	HS	S	32	HS	S	B	GP	1	4	H	1	1	O	9.30	7.00	CLASS 4	44	156	64	18.08	0.41			
696	SRUTHI	11	F	7	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	6	3	I	9.00	6.00	CLASS 4	36	160	62	14.06	0.39			
697	RADHIKA	11	F	7	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	39	151	61	17.10	0.40			
698	POONKOTHAI	11	F	7	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	45	156	64	18.49	0.41			
699	SIVAKAMI	11	F	7	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	6	2	I	9.00	6.00	CLASS 4	39	143	62	19.07	0.43			
700	REVATHI	11	F	7	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	40	155	59	16.65	0.38			
701	PRABHADEVI	11	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	40	152	64	17.31	0.42			
702	VIGNESWARI	11	F	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	I	10.00	6.00	CLASS 3	41	148	73	18.72	0.49		OBESE	
703	BANUPRIYA	11	F	7	G	42	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	35	156	63	14.38	0.40			
704	LAKSHMI	11	F	7	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	40	138	61	21.00	0.44			
705	SANTHI	11	F	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	38	149	63	17.12	0.42			
706	ISWARIYA	11	F	7	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	6	3	I	9.00	6.00	CLASS 4	37	155	64	15.40	0.41			
707	AYSHA	11	F	7	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	34	146	58	15.95	0.40			
708	LOGESWARI	11	F	7	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	46	157	65	18.66	0.41			
709	ANDAL	11	F	7	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	34	144	57	16.40	0.40			
710	MONISHA	11	F	7	G	43	MS	S	33	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	36	145	63	17.12	0.43			

711	RANI	11	F	7	G	39	MS	S	36	HS	S	C	P	1	4	UH	3	1	I	10.00	6.00	CLASS 3	48	147	75	22.21	0.51		OBESE	OBESE
712	DHARANI	11	F	7	P	40	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	31	138	59	16.28	0.43			
713	SHUBIKHPRIYA	11	F	7	P	40	PHS	S	35	MS	UE	C	P	1	4	UH	4	2	I	9.30	6.00	CLASS 3	51	148	74	23.28	0.50	OBESE	OBESE	OBESE
714	DEEPIKA	11	F	7	P	42	HS	F	38	MS	UE	D	P	1	6	H	0	0	O	10.00	4.30	CLASS 3	36	145	62	17.12	0.43			
715	ANUSHIYA	11	F	7	P	39	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 2	36	157	62	14.61	0.39			
716	DEEPA SREE	11	F	7	P	45	HS	F	40	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	46	146	65	21.58	0.45			
717	GAYATHRI	11	F	7	P	42	HS	F	40	D	UE	F	P	1	4	UH	3	1	I	10.00	6.30	CLASS 2	47	156	73	19.31	0.47		OBESE	
718	PREETHI	11	F	7	P	42	HS	F	31	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 2	33	139	59	17.08	0.42			
719	HARINI	11	F	7	P	52	HS	P	45	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	35	146	62	16.42	0.42			
720	SUDHARSHANA	11	F	7	P	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	44	156	64	18.08	0.41			
721	ISWARIYA	11	F	7	P	55	PHS	F	50	HS	UE	G	P	0	3	UH	6	2	I	10.30	7.00	CLASS 2	53	144	73	25.56	0.51	OBESE	OBESE	OBESE
722	SNEHA SREE	11	F	7	P	45	HS	F	43	D	UE	E	P	0	3	H	3	1	I	10.30	7.30	CLASS 2	45	143	74	22.01	0.52		OBESE	OBESE
723	RITHIKA	11	F	7	P	42	PHS	F	37	PHS	UE	E	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	37	147	64	17.12	0.44			
724	AKANIYA	11	F	7	P	41	D	F	35	D	UE	F	P	1	4	UH	0	0	I	10.30	4.00	CLASS 2	34	137	58	18.11	0.42			
725	SYAMVARTHINI	11	F	7	P	54	HS	S	49	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	39	158	64	15.62	0.41			
726	BRINDHASHREE	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	43	156	65	17.67	0.42			
727	DIVYA PRABHA	11	F	7	P	38	PHS	F	32	PHS	F	G	P	1	4	H	4	0	O	11.00	4.00	CLASS 2	46	157	65	18.66	0.41			
728	JAYSNEHA	11	F	7	P	55	HS	P	51	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	41	148	64	18.72	0.43			
729	KANISHKA	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	45	158	64	18.03	0.41			
730	KRITHIKA	11	F	7	P	44	HS	F	34	PHS	UE	G	P	1	4	H	0	0	I	10.00	6.00	CLASS 3	48	150	70	21.33	0.47		OBESE	
731	SAVEETHA	11	F	7	P	42	HS	S	36	PHS	F	F	P	1	4	UH	1	2	I	10.00	6.15	CLASS 3	44	147	75	20.36	0.51		OBESE	OBESE
732	SRIHARINI	11	F	7	P	40	D	F	37	D	P	G	P	1	6	H	0	0	O	10.00	5.30	CLASS 2	38	154	63	16.02	0.41			
733	SANGAMITHRA	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	45	157	63	18.26	0.40			
734	SANGAVI	11	F	7	P	40	PHS	F	36	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	40	147	64	18.51	0.44			
735	SHOBIKA	11	F	7	P	38	D	F	35	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	44	157	63	17.85	0.40			
736	PREETHI	11	F	7	P	41	PHS	F	30	HS	UE	F	P	1	4	UH	0	2	1	11.30	6.00	CLASS 3	52	154	71	21.93	0.46		OBESE	
737	HARINI NIVETHA	11	F	7	P	48	D	P	43	PHS	UE	F	P	1	4	H	2	0	O	12.00	4.00	CLASS 2	36	156	62	14.79	0.40			
738	POOJA	11	F	7	P	57	D	P	54	HS	UE	F	P	0	3	H	0	0	I	11.30	5.00	CLASS 2	40	150	63	17.78	0.42			
739	PRITHVI	11	F	7	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	42	155	62	17.48	0.40			
740	SRUTHILAKSHMI	11	F	7	P	43	D	P	40	D	SP	G	P	0	3	H	2	1	I	9.00	6.45	CLASS 1	50	146	73	23.46	0.50	OBESE	OBESE	OBESE
741	JANANI	11	F	7	P	43	HS	P	36	HS	UE	F	P	1	4	H	2	1	I	9.30	5.00	CLASS 2	37	145	63	17.60	0.43			
742	SWETHA	11	F	7	P	38	D	F	36	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	38	146	61	17.83	0.42			
743	DURGA	11	F	7	P	43	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 1	42	146	65	19.70	0.45			
744	SHARMILA	11	F	7	P	48	HS	S	45	PHS	UE	D	P	1	4	H	3	1	O	10.00	4.45	CLASS 2	42	156	62	17.26	0.40			

745	SHUBIKSHA	11	F	7	P	48	PHS	S	43	PHS	-	F	P	1	3	H	3	2	I	11.00	5.30	CLASS 3	42	148	70	19.17	0.47		OBESE	
746	SUJI	11	F	7	P	53	HS	P	47	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	45	156	64	18.49	0.41			
747	DEEPA	11	F	7	P	48	D	P	43	HS	UE	F	P	1	4	UH	2	1	O	12.00	4.30	CLASS 2	36	145	62	17.12	0.43			
748	DIVYA	11	F	7	P	50	D	F	41	PHS	UE	G	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	37	147	64	17.12	0.44			
749	MANISHA	11	F	7	P	50	D	F	42	D	SP	G	P	1	4	UH	0	0	O	11.30	5.00	CLASS 2	45	154	66	18.97	0.43			
750	HASMA	11	F	7	P	39	PHS	P	36	D	UE	G	P	1	4	H	4	1	O	10.30	4.00	CLASS 2	46	150	65	20.44	0.43			
751	AYSHA SAHANI	11	F	7	P	45	HS	P	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	35	156	61	14.38	0.39			
752	VEDHA	11	F	7	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	2	I	11.00	7.00	CLASS 2	49	152	71	21.21	0.47		OBESE	
753	ROSHIMI	11	F	7	P	42	D	P	37	D	UE	G	P	1	4	UH	2	2	O	10.00	5.00	CLASS 1	42	148	63	19.17	0.43			
754	NIKITHA	11	F	7	P	45	D	F	39	D	UE	G	G	1	5	UH	0	0	O	11.00	5.00	CLASS 2	33	140	61	16.84	0.44			
755	RESHMA	11	F	7	P	44	D	SP	42	D	UE	E	P	1	4	UH	1	1	O	11.00	4.00	CLASS 2	43	156	64	17.67	0.41			
756	ANJALIN	11	F	7	P	38	D	F	35	PHS	UE	G	P	0	3	UH	6	2	I	9.30	8.00	CLASS 2	50	146	73	23.46	0.50		OBESE	OBESE
757	GEETHANJALI	11	F	7	P	40	PHS	F	33	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	41	152	63	17.75	0.41			
758	SREYA	11	F	7	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	38	146	63	17.83	0.43			
759	SNEHA	11	F	7	P	40	PHS	F	38	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	46	159	64	18.20	0.40			
760	JANARAKSHA	11	F	7	P	40	PHS	F	35	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	60	150	76	26.67	0.51			
761	ABI NANDHANA	11	F	7	P	38	D	F	33	PHS	F	G	P	0	3	UH	6	2	I	9.30	8.00	CLASS 2	48	140	70	24.49	0.50	OBESE	OBESE	OBESE
762	HARISH	12	M	8	G	45	MS	F	42	MS	S	C	P	1	4	UH	3	2	O	11.00	6.00	CLASS 3	58	145	72	27.59	0.50	OBESE	OBESE	OBESE
763	ASHOKKUMAR	12	M	8	G	42	MS	S	36	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	33	143	59	16.14	0.41			
764	RAMACHANDRAN	12	M	8	G	48	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	40	149	65	18.02	0.44			
765	PREMNATH	12	M	8	G	43	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	43	154	64	18.13	0.42			
766	DHANAPAL	12	M	8	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	39	147	64	18.05	0.44			
767	GOBINATH	12	M	8	G	40	PS	S	33	PS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	44	156	66	18.08	0.42			
768	GOWTHAM	12	M	8	G	38	MS	S	32	MS	US	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 3	35	146	58	16.42	0.40			
769	GURUSAMY	12	M	8	G	39	D	F	35	MS	F	C	P	2	5	UH	3	2	2	10.30	6.30	CLASS 3	46	153	73	19.65	0.48		OBESE	
770	SEKAR	12	M	8	G	45	MS	SS	36	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	49	158	68	19.63	0.43			
771	VENKATESH	12	M	8	G	47	D	S	40	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	48	154	69	20.24	0.45			
772	BHARATHI	12	M	8	G	41	HS	S	38	PS	SS	B	P	1	4	UH	2	2	I	11.00	7.00	CLASS 4	49	157	74	19.88	0.47		OBESE	
773	RAJKUMAR	12	M	8	G	43	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	41	153	63	17.51	0.41			
774	MATHIAZHAGAN	12	M	8	G	44	PS	S	39	PS	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	42	153	65	17.94	0.42			
775	BOOPATHI	12	M	8	G	45	PS	UE	41	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	34	145	58	16.17	0.40			
776	ANDANI	12	M	8	G	48	PS	S	43	MS	S	B	P	2	4	H	3	2	O	10.00	4.30	CLASS 3	45	156	69	18.49	0.44			
777	PRABHAKARAN	12	M	8	G	36	PS	S	35	PS	UE	B	P	2	5	H	2	1	O	10.00	8.00	CLASS 4	48	156	68	19.72	0.44			
778	SARAVANAKUMAR	12	M	8	G	38	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	34	145	59	16.17	0.41			

779	PRAMESHWARI	12	F	8	G	42	PS	S	40	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	35	143	61	17.12	0.43			
780	ANANTHI	12	F	8	G	35	PHS	S	32	HS	S	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	39	146	64	18.30	0.44			
781	POTKODI	12	F	8	G	43	HS	S	38	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	40	147	66	18.51	0.45			
782	POOVINA	12	F	8	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	47	154	70	19.82	0.45			
783	GOMATHI	12	F	8	G	50	MPS	UE	47	PS	US	S	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	49	157	70	19.88	0.45			
784	CHITHRA	12	F	8	G	48	MS	S	45	PS	F	B	P	1	4	UH	5	3	I	11.30	6.30	CLASS 4	55	150	75	24.44	0.50	OBESE	OBESE	OBESE
785	KASTHURI	12	F	8	G	46	D	S	42	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	46	153	72	19.65	0.47		OBESE	
786	NIRMALA	12	F	8	G	43	PHS	S	40	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	46	160	63	17.97	0.39			
787	RADHAMANI	12	F	8	G	48	MPS	P	41	PS	US	C	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	43	146	60	20.17	0.41			
788	NIKILA	12	F	8	G	37	HS	S	31	HS	S	C	P	0	5	UH	1	1	I	9.45	7.00	CLASS 3	38	149	63	17.12	0.42			
789	KALPANA	12	F	8	G	39	PS	S	33	MS	S	B	P	1	3	H	3	2	I	10.00	6.30	CLASS 4	48	146	74	22.52	0.51		OBESE	OBESE
790	SHINY	12	F	8	G	40	MS	S	38	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	43	150	66	19.11	0.44			
791	SANJANA	12	F	8	G	37	D	P	35	PHS	S	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	40	163	64	15.06	0.39			
792	KAVITHA	12	F	8	G	39	PHS	S	38	MS	S	C	P	1	4	H	1	1	O	9.30	5.30	CLASS 3	33	142	60	16.37	0.42			
793	MALATHI	12	F	8	G	38	MS	S	35	MS	UE	C	P	0	3	UH	2	1	I	9.30	6.00	CLASS 3	47	154	69	19.82	0.45			
794	SATHYA	12	F	8	G	49	MPS	S	47	PS	US	S	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	43	155	62	17.90	0.40			
795	INDRANI	12	F	8	G	38	PHS	US	35	MS	US	B	P	1	6	UH	4.3	2	I	10.00	7.00	CLASS 4	56	147	74	25.92	0.50	OBESE	OBESE	OBESE
796	MARRISH	12	F	8	G	37	PS	US	35	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	41	148	67	18.72	0.45			
797	GEETHARANI	12	F	8	G	33	PS	US	32	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	45	155	68	18.73	0.44			
798	KALYANI	12	F	8	G	40	MS	US	35	MHS	UE	B	P	1	6	UH	4	2	I	11.00	7.00	CLASS 4	50	154	73	21.08	0.47		OBESE	
799	GEETHAMANI	12	F	8	G	36	MS	S	33	HS	S	C	P	1	4	H	0	0	O	9.00	6.00	CLASS 3	45	155	68	18.73	0.44			
800	RAJAMANI	12	F	8	G	37	PHS	S	35	HS	S	B	P	2	5	H	0	0	I	11.00	6.00	CLASS 3	41	148	67	18.72	0.45			
801	RAJESWARI	12	F	8	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	41	144	61	19.77	0.42			
802	RASHITHA	12	F	8	G	45	MS	US	41	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	47	154	70	19.82	0.45			
803	RAMYA	12	F	8	G	45	HS	F	44	PS	UE	C	P	1	4	UH	1	1	I	10.00	6.30	CLASS 3	42	149	65	18.92	0.44			
804	RAGAVI	12	F	8	G	42	PHS	S	39	HS	S	C	P	1	4	UH	2	1	I	10.15	6.45	CLASS 3	44	151	70	19.30	0.46			
805	SINSHYA	12	F	8	G	50	HS	S	45	HS	UE	C	P	1	7	UH	1	1	I	11.00	5.00	CLASS 3	43	154	66	18.13	0.43			
806	STEFI	12	F	8	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	5	2	I	10.30	6.00	CLASS 4	49	155	73	20.40	0.47		OBESE	
807	SHOBANA	12	F	8	G	45	D	S	35	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 4	43	155	66	17.90	0.43			
808	AMBIKA	12	F	8	G	40	PHS	S	38	MS	S	C	P	1	4	UH	1	1	I	9.30	5.30	CLASS 3	42	149	68	18.92	0.46			
809	BHUVANESHWARI	12	F	8	G	42	PHS	F	37	HS	S	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	34	142	59	16.86	0.42			
810	AMUTHA	12	F	8	G	37	HS	SS	36	PHS	UE	B	P	1	5	UH	2	1	I	11.00	4.00	CLASS4	47	154	69	19.82	0.45			
811	DEVIPRIYA	12	F	8	G	37	PHS	S	32	HS	UE	C	P	1	5	UH	2	1	I	8.00	6.00	CLASS 3	45	156	68	18.49	0.44			
812	POONGAVANAM	12	F	8	G	51	MS	US	48	MS	US	B	P	1	6	UH	3	1	O	9.00	6.00	CLASS 4	40	152	67	17.31	0.44			

813	PRATHIKSHA	12	F	8	G	36	MS	US	34	MS	US	C	P	2	5	UH	4	1	I	11.00	6.45	CLASS 4	44	154	72	18.55	0.47		OBESE	
814	POORVIKA	12	F	8	G	60	IL	US	52	IL	US	B	P	2	5	UH	2	1	O	9.00	6.00	CLASS 4	42	155	64	17.48	0.41			
815	KEERTHANA	12	F	8	G	34	MS	S	33	PHS	S	C	P	1	4	UH	2	1	O	8.30	6.00	CLASS 3	45	156	70	18.49	0.45			
816	MADHUMITHA	12	F	8	G	40	MS	S	38	MS	UE	B	P	2	5	UH	2	1	O	9.30	6.00	CLASS 3	47	155	69	19.56	0.45			
817	MANJULA	12	F	8	G	38	PHS	S	37	PHS	S	C	P	1	5	UH	3	1	I	11.00	6.30	CLASS 3	48	146	74	22.52	0.51		OBESE	OBESE
818	NADHIYA	12	F	8	G	40	PHS	S	38	MS	S	C	P	1	4	UH	1	1	I	9.30	5.30	CLASS 3	32	141	58	16.10	0.41			
819	AMURTHAVARSHINI	12	F	8	P	38	HS	F	36	PHS	UE	F	P	0	3	UH	3	2	I	9.30	6.30	CLASS 2	60	153	76	25.63	0.50	OBESE	OBESE	OBESE
820	MONIKA	12	F	8	P	41	PHS	F	37	PHS	UE	E	P	1	4	UH	2	2	I	10.30	6.00	CLASS 2	46	153	72	19.65	0.47		OBESE	
821	SREEDEVI	12	F	8	P	40	D	F	35	D	UE	F	P	1	4	UH	0	0	I	10.30	4.00	CLASS 2	38	146	65	17.83	0.45			
822	HEMALATHA	12	F	8	P	48	HS	S	43	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	47	154	70	19.82	0.45			
823	SANDHYA	12	F	8	P	37	D	F	35	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	35	141	61	17.60	0.43			
824	NEERAJA	12	F	8	P	35	PHS	F	32	PHS	F	G	P	1	4	H	4	0	O	11.00	4.00	CLASS 2	45	155	68	18.73	0.44			
825	SREEJA	12	F	8	P	45	HS	P	42	D	UE	F	P	0	3	UH	6	2	I	11.00	7.00	CLASS 2	58	155	79	24.14	0.51	OBESE	OBESE	OBESE
826	SASHMITHA	12	F	8	P	38	D	F	36	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	47	154	68	19.82	0.44			
827	SUJITHA	12	F	8	P	45	PHS	F	37	PHS	UE	G	P	1	4	H	5	3	O	11.30	6.00	CLASS 2	37	144	66	17.84	0.46			
828	INDHUMATHI	12	F	8	P	42	HS	F	38	D	UE	G	P	0	3	UH	6	3	O	11.00	5.30	CLASS 2	43	152	66	18.61	0.43			
829	SIVARANJANI	12	F	8	P	41	P	F	39	PHS	F	F	P	1	4	UH	5	2	I	10.30	7.00	CLASS 2	49	156	73	20.13	0.47		OBESE	
830	NIVEETHITHA	12	F	8	P	42	P	F	40	HS	UE	D	P	1	4	H	6	3	I	10.00	6.30	CLASS 2	45	155	69	18.73	0.45			
831	YAMINI	12	F	8	P	44	D	P	40	D	UE	G	P	1	4	H	3	1	O	11.30	6.00	CLASS 1	46	157	68	18.66	0.43			
832	DHANALAKSHMI	12	F	8	P	45	D	F	43	D	F	F	P	1	5	UH	3	1	I	11.00	7.00	CLASS 2	44	142	72	21.82	0.51		OBESE	OBESE
833	DHAKSHAWA SHREE	12	F	8	P	41	HS	F	38	HS	UE	G	P	1	4	UH	2	1	O	11.30	5.30	CLASS 3	42	153	67	17.94	0.44			
834	HEMA SHREE	12	F	8	P	39	HS	F	36	PHS	UE	H	P	1	4	H	1	0	O	9.30	5.00	CLASS 2	34	144	60	16.40	0.42			
835	KARUNYA	12	F	8	P	38	D	F	34	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	46	157	66	18.66	0.42			
836	MADHUMITHA	12	F	8	P	48	P	P	45	D	P	F	P	0	3	UH	6	2	I	11.00	7.00	CLASS 2	48	156	72	19.72	0.46		OBESE	
837	RANJANI	12	F	8	P	54	HS	S	49	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	43	155	68	17.90	0.44			
838	SUSHMITHA	12	F	8	P	43	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 1	36	148	63	16.44	0.43			
839	SAVENYA	12	F	8	P	45	HS	F	40	PHS	UE	D	P	1	4	H	3	1	O	10.00	4.45	CLASS 2	44	154	67	18.55	0.44			
840	SHRUTHI	12	F	8	P	40	PG	P	32	PG	P	G	P	1	4	UH	3	1	I	10.00	6.30	CLASS 1	56	150	76	24.89	0.51	OBESE	OBESE	OBESE
841	CHANDRIKA	12	F	8	P	45	HS	F	36	MS	UE	D	P	1	6	H	0	0	O	10.00	4.30	CLASS 3	42	149	69	18.92	0.46			
842	KARPAGA PRIYA	12	F	8	P	39	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS3	41	147	66	18.97	0.45			
843	INDHUMATHI	12	F	8	P	45	HS	F	41	PHS	UE	G	P	2	5	H	0	0	O	9.30	4.45	CLASS 2	32	143	59	15.65	0.41			
844	SUJITHA	12	F	8	P	42	HS	F	32	PHS	UE	F	P	1	4	UH	3	2	I	10.00	4.30	CLASS 2	42	150	66	18.67	0.44			
845	JAYASHREE	12	F	8	P	42	HS	F	31	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 3	39	150	62	17.33	0.41			
846	VISHALAKSHI	12	F	8	P	43	PHS	S	37	PHS	UE	F	P	2	6	H	1	1	O	10.00	5.00	CLASS 2	47	156	69	19.31	0.44			

847	HARINI	12	F	8	P	43	PHS	F	40	PHS	F	F	P	1	4	UH	3	1	I	10.00	7.00	CLASS 2	48	146	74	22.52	0.51		OBESE	OBESE
848	KARTHIKEYINI	12	F	8	P	37	D	F	33	D	F	F	P	1	4	H	3	2	I	10.00	6.30	CLASS 2	49	155	73	20.40	0.47		OBESE	
849	SUJITHRA	12	F	8	P	42	D	F	38	PHS	UE	F	P	1	4	UH	3	1	O	10.30	6.00	CLASS 2	40	153	65	17.09	0.42			
850	SUKITHA	12	F	8	P	46	HS	S	38	D	UE	C	P	1	4	H	1	1	O	10.30	5.30	CLASS 4	45	154	69	18.97	0.45			
851	JANANI	12	F	8	P	40	PHS	F	35	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	34	140	61	17.35	0.44			
852	PRAVEENA	12	F	8	P	37	D	F	33	D	F	F	P	1	4	H	1	1	O	10.00	4.00	CLASS 2	46	154	70	19.40	0.45			
853	LAKSHNA	12	F	8	P	41	HS	F	39	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	41	156	65	16.85	0.42			
854	ANANYA	12	F	8	P	42	D	P	39	PHS	UE	F	P	1	4	UH	2	1	I	10.30	6.45	CLASS 3	50	155	73	20.81	0.47		OBESE	
855	RATHI DEVI	12	F	8	P	42	HS	F	35	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 2	47	154	70	19.82	0.45			
856	RAGAVA SELVI	12	F	8	P	45	HS	P	40	D	PS	G	P	1	4	H	2	2	O	10.30	6.00	CLASS 2	40	146	66	18.77	0.45			
857	INDHRA	12	F	8	P	42	PHS	F	38	PHS	UE	G	P	1	4	H	4	2	I	10.30	6.30	CLASS 2	42	150	67	18.67	0.45			
858	AMIRTHA	12	F	8	P	42	PG	F	35	HS	S	G	P	0	3	UH	3	3	I	10.00	6.00	CLASS 2	44	154	72	18.55	0.47		OBESE	

A Dissertation on

STUDY OF PREVALENCE OF OBESITY IN 11 – 15 YEARS OF SCHOOL GOING CHILDREN

Dissertation submitted

In Partial Fulfillment of regulation for the award of

M.D. Degree in Pediatric Medicine

Branch - VII

COIMBATORE MEDICAL COLLEGE

COIMBATORE, April 2016

DECLARATION

I Declare that this dissertation entitled "**The Prevalence of Obesity in 11 – 15 Years of School Going Children**" has been conducted by me in Schools in Coimbatore District under the guidance and supervision of my guide Dr.V.Suganthi, M.D., DCH. It is submitted in part of fulfillment of the award of the degree of MD Pediatrics for the April 2016 examination to be held under The Tamilnadu Dr.M.G.R Medical University, Chennai. This has not been submitted previously by me for the award of any degree or diploma from any other university.

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Certified that this dissertation entitled " **Study Of Prevalence Of Obesity In 11 – 15 Years Of School Going Children"** is a bonafide work done by **Dr. A.Arunthathi M.D.,** Post graduate student of Pediatric Medicine, Coimbatore Medical College & Hospital, Coimbatore – 641018 during the academic year 2013 – 2016.

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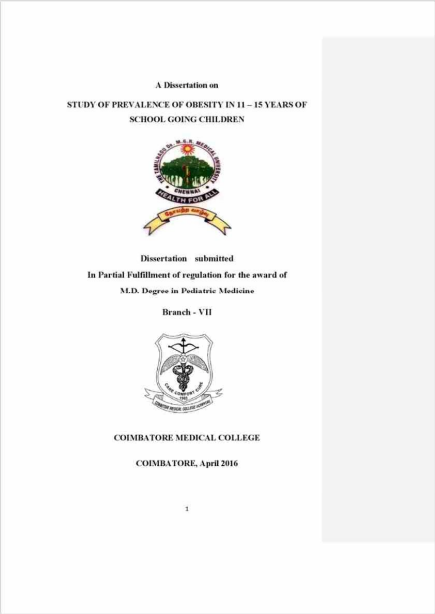

A Dissertation on

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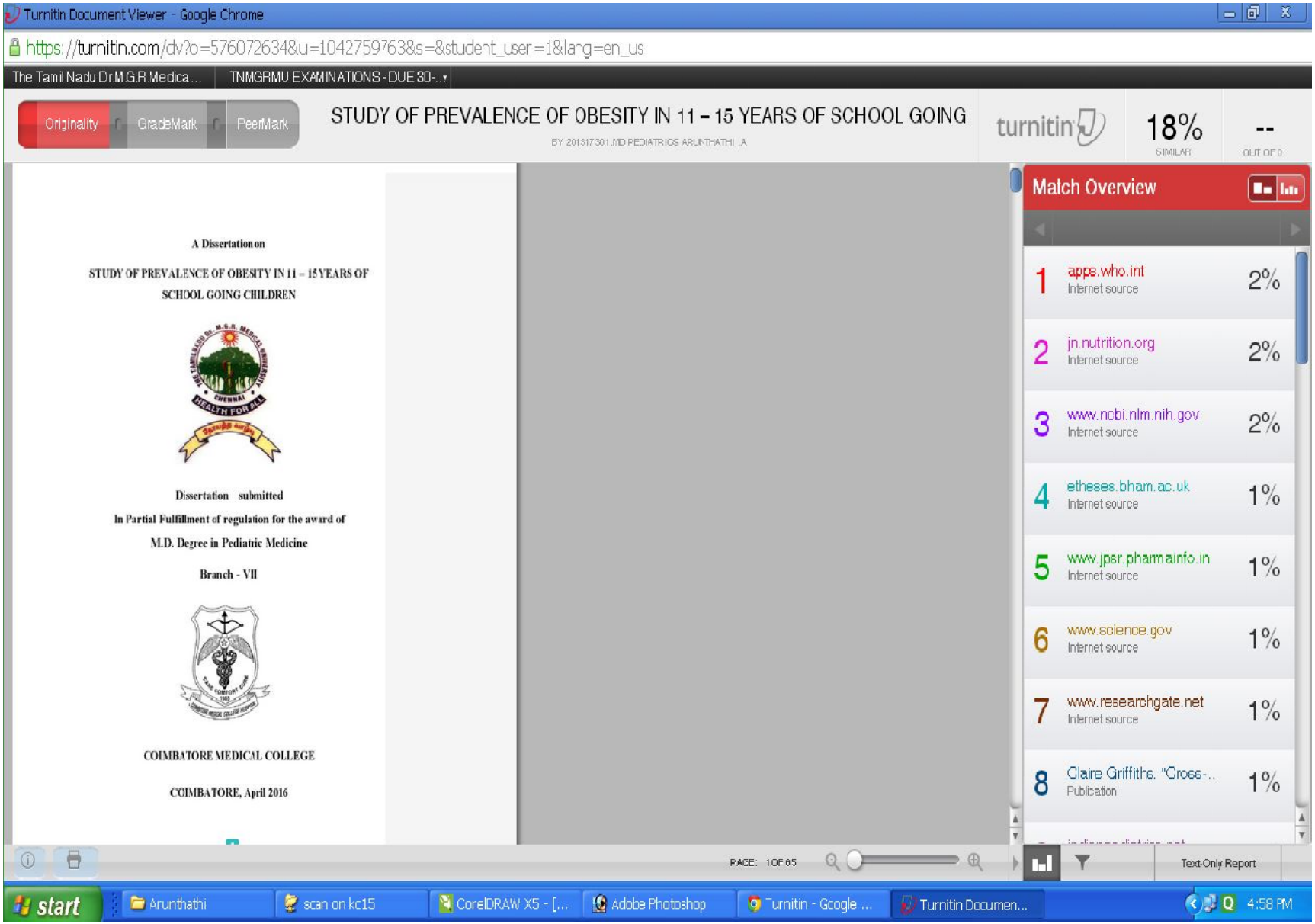
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DR. ARUNTHATHI

ABBREVIATION

WC	-	Waist Circumference
BMI	-	Body Mass Index
WHR	-	Waist Height Ratio
US	-	United State
UK	-	United Kingdom
NCD	-	Non Communicable Disease
NAFLD	-	Non Alcoholic Fatty Liver Disease
IOTF	-	International Obesity Task Force
WHO	-	World Health Organisation
CDC	-	Centre for disease control and prevention
CVD	-	Cardio Vascular Disease
SES	-	Socio Economic Status
NCHS	-	National Centre for Health Statistics

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INTRODUCTION

Childhood obesity is emerging as a serious public health problem of the 21st century[1]. Hence there is widespread concern in the increase of overweight and obesity especially in children in developed and developing countries as it is considered to be one of the precursors of adverse health effects occurring in adulthood. In both developed and developing countries the prevalence of obesity is increasing and hence has become a major health issue. In both US and UK, the prevalence of obesity in children has increased significantly to about 16 – 20% [2.]. Until the 1980s, the developing countries were with the lowest rates, but now it has gradually increased in children.

Data for both overweight and obesity prevalence among children in many countries in South Asia is available: 25.0% among children from 2 to 15 years in Bangladesh and 22.0% among children from 5 to 19 years in India. Moreover, secular trends indicate increasing prevalence rates in these countries: for example, 9.8 to 11.7% among children from 5 to 19 years in India during 2006–2009[3, 4,5]. In recent times, developing countries have also reported an increasing incidence of obesity.

Various studies have documented the prevalence of obesity in both children and adolescents to be 12 – 29% in different parts of India [6,7]. Recently, Kumar et al. in a study on preschool children from urban south

India have reported that 4.5% of the children were overweight while 1.4% of them were obese[8]. However, most of these studies are region-specific and have a smaller sample size. To investigate the trend in obesity in Indian children, it is necessary to assess a large sample representing different regions of India.

There is a great need for studying obesity in Indians because of the fact that there is an increase in type2 diabetes and coronary heart disease in Indian adults, especially in urban areas[9]. This epidemic has been attributed to a thrifty genotype which had helped survival in the past when there was scarce and irregular food supply, and has now led to obesity and insulin resistance in modern days where there is excess and regular food supply [10]. Recent studies have shown that Indians for a given BMI have a higher percentage of body fat when compared with other white Caucasians, Americans, and African Indians and in addition also have lower muscle mass [11]. Thus the risk of adult morbidity especially cardiovascular and mortality that might follow childhood-onset obesity is considerably high and is of great significance to public health. So it is important that policy makers are aware and have information about the prevalence and trend of obesity.

Childhood obesity is thus a serious medical condition that affects children and adolescents. It occurs when children are well above the normal weight and height for his or her age. It is particularly troubling because the

extra kilograms gained lead to health problems in children that were once confined to adults, such as diabetes, high blood pressure, psychological issues and high cholesterol. It can also lead to poor self-esteem and even depression[12]. One of the best ways to reduce obesity in children is to improve the diet and exercise habits of the entire family. Thus Treating and preventing obesity in children, protect the health of them now and also in the future[13].

Obesity is now emerging as a common nutritional disorder, particularly among the affluent, worldwide. Obesity may be described as a condition which is characterised by excessive fat deposition in the body. It usually results when food is consumed in excess of one's physiological needs[14].

Obesity in general is defined as the presence of excessive adipose tissue in the body to such an extent that it may lead to health hazards (Prenticeet al.2001;Rossner 2002). It is not a single disease but a heterogeneous group of conditions associated with multiple causes. Thus body weight is determined by interactions between genetic environmental, psychological factors which act through physiological mediators of energy intake and energy expenditure. Even in India, malnutrition had attracted the focus of health workers because childhood obesity in children is increasingly being observed due to the changing lifestyle of the families who have an increased purchasing power, increasing hours of inactivity because addiction

to television, computer and videogames which have replaced outdoor games and other available social activities (Singh and Sharma 2005)

Globally, it is estimated than 10 percent of school children of 5-17 are overweight/obese (Childhood Obesity-the Global Picture 2006). The prevalence of obesity in children has increased over the past few decades and its statistics are alarming. The prevalence and etiology behind childhood obesity may vary according to an individual's lifestyle and socio-economic status. Most of the reports with regards to childhood obesity are from studies conducted at metropolitan cities in India[15].

In this study, obesity in 11-15 years of school children in Coimbatore district is estimated using BMI, WC and WHR. By estimating obesity through waist circumference, central obesity which is a well known risk factor for cardiovascular disease in adults is identified. The risk factors which are associated with increase of obesity is also studied. In this study the prevalence of obesity in Coimbatore when compared with other cities and prevalence of obesity in males, females, private and government schools, and other associated risk factors is studied.

AIM OF THE STUDY

To estimate the prevalence of obesity using Body mass index, waist circumference and waist height ratio of urban school children in the age group of 11 –15 years.

OBJECTIVE

PRIMARY OBJECTIVE

To estimate the prevalence of obesity in 11-15yrs of urban school children using body mass index, waist circumference and waist height ratio.

SECONDARY OBJECTIVE

To identify the risk factors for developing obesity

To compare BMI, waist circumference and waist height ratio in estimating the prevalence of obesity

REVIEW OF LITERATURE

DEFINING CHILDHOOD OBESITY

Obesity is defined as excess adipose tissue in the body. Giving specific definition for obesity is difficult.[16.] According to IAP growth chart committee, BMI charts which are presented are based on methods used by IOTF[17]. The 23 and 27 cut offlines equivalent of adult overweight and obesity are much more appropriate for using in Asian children as Asians are predisposed to have more adiposity and also have increased risk for developing cardio metabolic problems at a lower BMI [18].

According to a study done in urban South Indian children aged 3-16 yrs by St.Johns National Academy Of Health Sciences, the 75th percentile of waist circumference is recommended to be used as an "action point" for Indian children to identify obesity until a large scale percentile data is available in India[19].

For the WHT ratio, the cut-off of 0.5 is recommended to identify obesity[20]. BMI is agreed to be used as a reliable indicator which correlates well with body fat estimation.

BMI : ESTIMATION IN CHILDREN

The use of BMI for defining overweight and obesity in children is more challenging than in adults as there is variation of BMI with age and sex[21], and its relationship to body fat is also unclear.

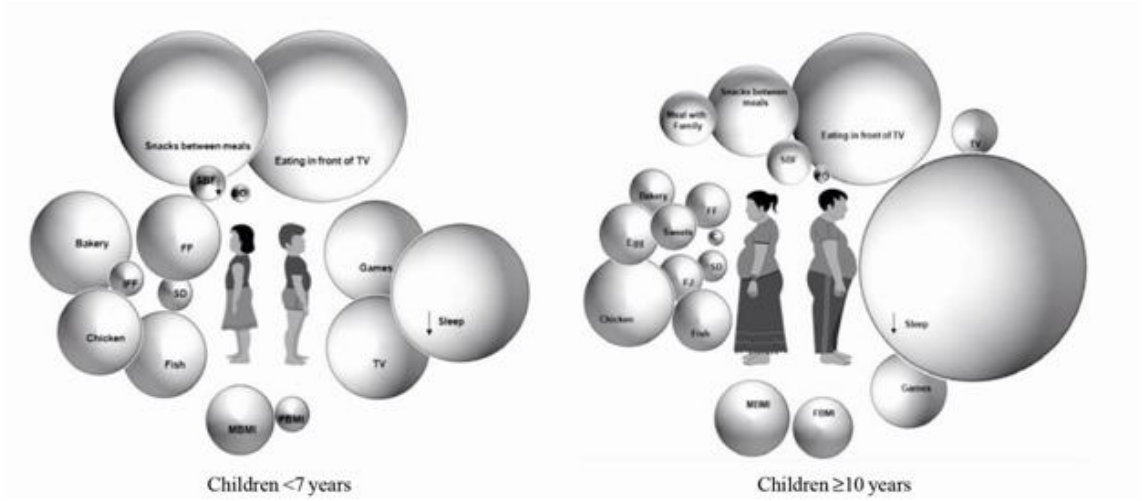
$$\text{BMI} = \frac{\text{WEIGHT IN KG}}{\text{HEIGHT IN M}^2}$$

It has also been suggested that the contributions of body fat and also fat free mass to BMI has changed over time, especially in children, thus resulting in an underestimation of the prevalence of obesity in epidemiological studies using only BMI[22,23.] Added to this, the association of BMI with later morbidity and mortality is also less clear in children when compared to adults in that there is no particular threshold of BMI above which children can be predicted to have an increased risk [24].

WAIST CIRCUMFERENCE IN CHILDREN:

To overcome the disadvantages of BMI, waist circumference can be used for estimation of obesity. WC correlates better with visceral adiposity in kids though it sometime increases because of subcutaneous fat deposition. There are many studies which show that waist circumference is a good predictor for CVD risk and other complications[25].

Figure : 1 Factors related to increasing waist circumference



WAIST HEIGHT RATIO IN CHILDREN:

WHR is also associated significantly for identifying obesity [26,27]. Some studies done in European and Asian children found the waist-to-height ratio to be superior to BMI in predicting the cardiovascular risks [28].

$$\text{WHR} = \frac{\text{WAIST CIRCUMFERENCE IN CM}}{\text{HEIGHT IN CM}}$$

Both the height and waist circumference increase continually in children as they age, the value of 0.50 was suggested to be an appropriate cut-off point for all age groups of children [29]. WHR is considered to be more sensitive than WC in different populations as it adjusts to different statures [96] and also because of the negative correlation of height and its association to certain metabolic risk factors [30]. The health risks for Asian children begin to increase even for smaller amounts of central fat and smaller waist

circumferences when compared with their European counterparts [31]. This explains the reason why there is a decrease in the WHR cut off used for Indian children.

The anthropometric indices which predict central obesity include WC, WHR and WAIST HIP RATIO. There are many studies which show these are associated with CVS and other metabolic diseases in children. In India measurement of waist circumference is not commonly practiced. Most of the studies based on central obesity and its indices and percentiles have been done in developed countries like Europe and US[32-35]. In Asia, especially in the Middle East and South East children WC percentile has been studied[36-38.] But in India especially in this part of the country data on this is scarce .This study estimates obesity in Coimbatore by using parameters like WC and WHR which predicts abdominal obesity when compared with BMI.

They are simple alternative measure and pediatric primary care practicians and use it for assessing central obesity[39].

CHILDHOOD OBESITY PREVALENCE:

THE GLOBAL PREVALENCE

The prevalence of obesity estimated across the world has increased in the last three decades and is now being recognized as a global threat to health[40,41,42] There could even be an underestimation because the availability and the

quality of prevalence estimates vary[43]. The prevalence of obesity in children is increasing rapidly worldwide[44]. We know that obesity is associated with several risk factors for later development of heart disease and other chronic diseases like hyperlipidaemia, hypertension, hyperinsulinaemia and early atherosclerosis[45,46]. The above said risk factors may operate through an association between child and development adult obesity and they may also act independently[47]. Worldwide, obesity trends are considered to be a serious public health concern because in many countries it is threatening the viability of the basic health care delivery system. Obesity is also an independent risk factor for the development of cardiovascular diseases and significantly increases both the risk of morbidity and mortality[48]. In the last two decades we have witnessed an increase in health care costs because of obesity and its related issues in both children and adolescents.

This has emerged as a global phenomenon which affects all socio-economic groups, irrespective of age, sex or ethnicity. Childhood obesity has thus become a serious public health challenge now and in the near future. Thus the prevalence of obesity is an upcoming major public health problem. Until the 1980s, the developing countries were with the lowest rates, but since then overweight and obesity prevalence have gradually increased in children. The global prevalence of overweight and obesity in children aged 5-17 years is 10% and this global average covers a wide range

of prevalence levels in different regions and countries with above 30% in America and below 2% in Sub Saharan Africa[49,50]. Further, projections in the year 2010 for estimated prevalence of overweight and obesity in school age children (aged 5-17 years) are at 46% in America and below 5% in Africa. For children between 5-17 years in this regional prevalence data on overweight and obesity are currently unavailable [51]. However, data for both overweight and obesity prevalence among children in different South Asia countries are available: 25.0% among children from 2 to 15 years in Bangladesh and 22.0% among children from 5 to 19 years in India. Moreover, secular trends indicate increasing prevalence rates in these countries: for example, 9.8 to 11.7% among children from 5 to 19 years in India during 2006–2009 [52]. In recent years, the increase in obesity has led this to become one of the major issues affecting the Indian health system.

Figure :2 Past and projected future overweight rates

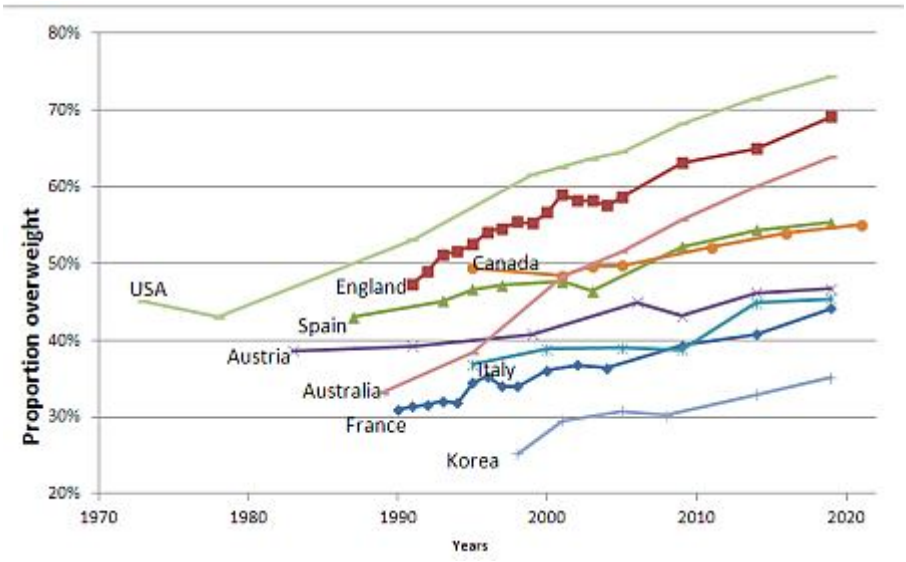
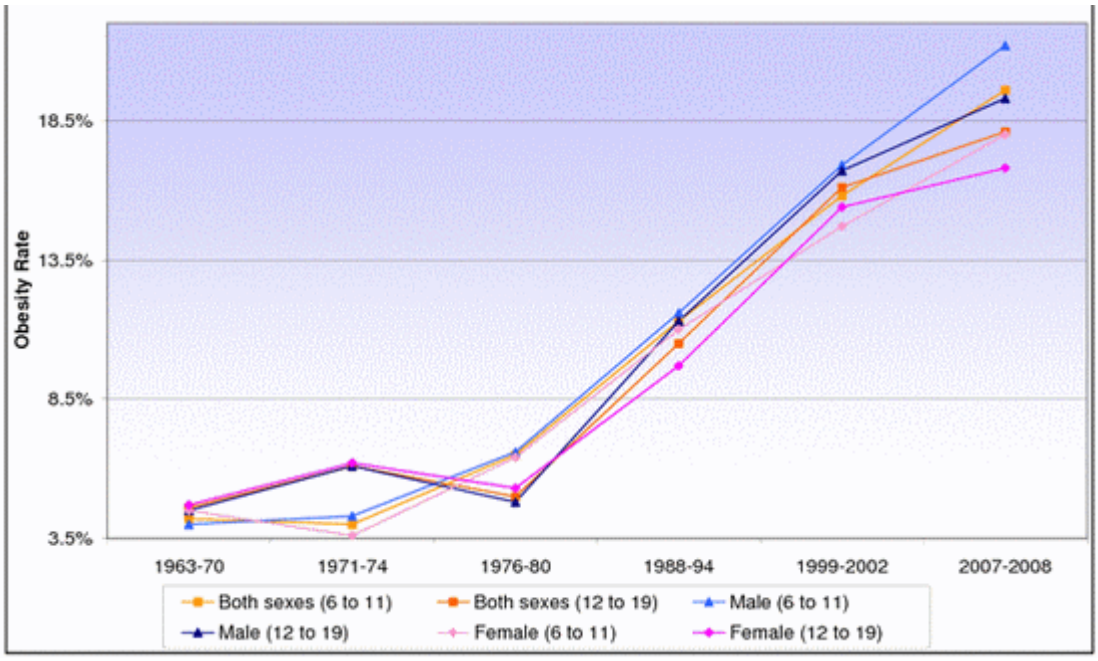


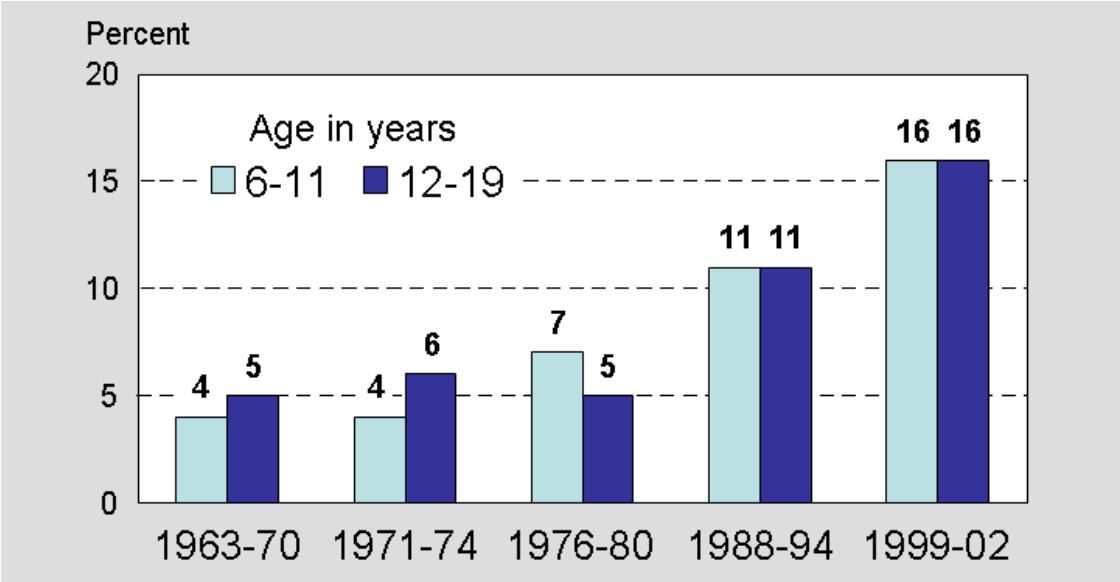
Figure : 3 Child Obesity Statistics



PREVALENCE IN INDIA:

Various studies have documented the prevalence of obesity in children and also in adolescents to be 12 – 29% from different parts of India [53,54]. Recently, Kumar et al. in a study on preschool children from urban south India have reported that 4.5% of children were overweight while 1.4% of children were obese.

Figure :4 Prevalence of Overweight among 6-19 Years



OBESITY IN CHILDREN AND SOCIO-ECONOMIC STATUS:

The relationship between obesity and socio-economic status (SES) rises across different population and is not consistent. In the developing world the increase in obesity in children is associated with increase in income and food availability and also when there is decrease income leading to unhealthy food practices and this shows a complex relationship between obesity and SES[55].

TRACKING OBESITY IN CHILDREN INTO ADULTHOOD:

Taken overall, the evidence based on research suggests that childhood obesity, which is established before adolescence, is a strong risk factor for development of adult obesity[56]. Hence we can logically conclude that preventing the development of obesity in childhood is essential and will have

a knock-on effect of reducing the risk of obesity in adulthood and obesity related other health consequences.

CHILDHOOD OBESITY AND ITS HEALTH CONSEQUENCES:

Obesity is associated with physical complications as described below and also psychological consequences[57].

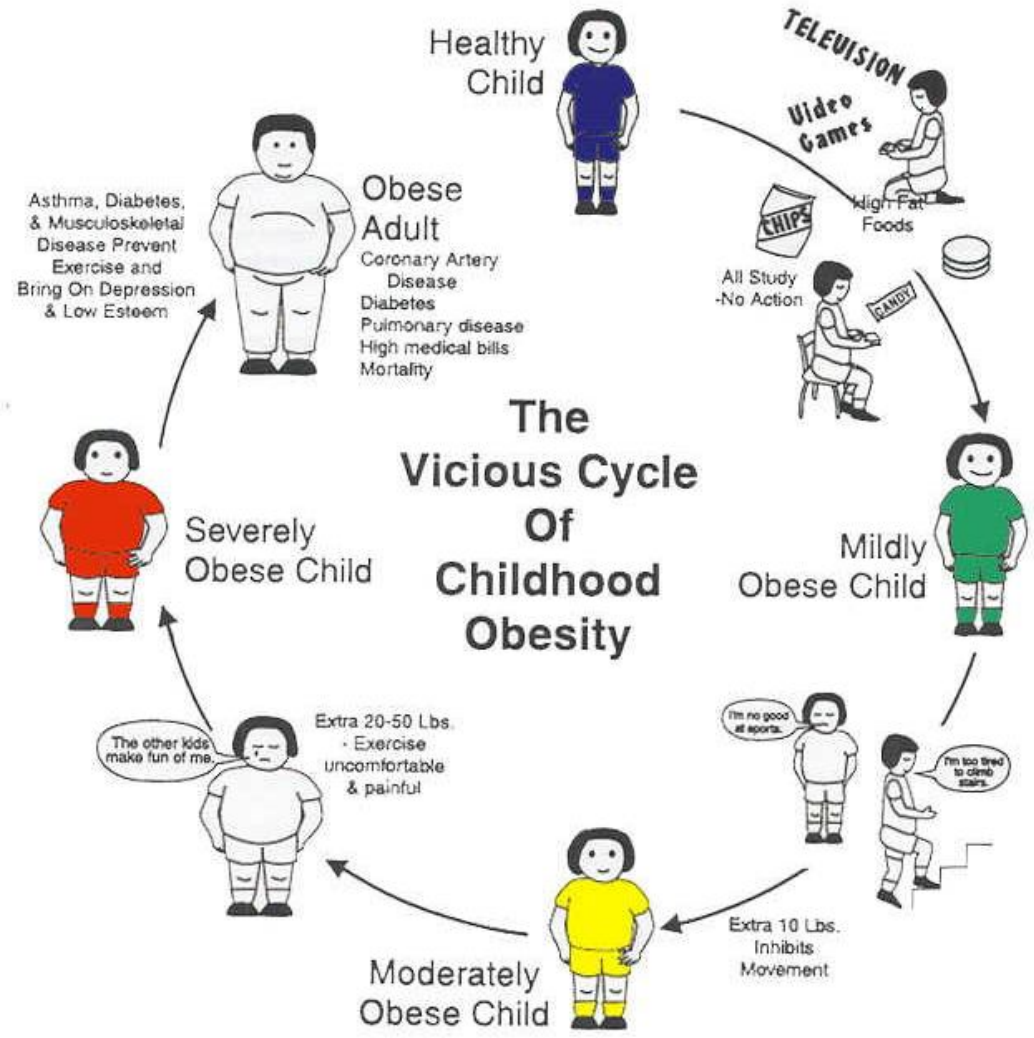
Table - 1 Physical health consequences of childhood overweight and obesity

Organ system	Condition
Cardiovascular	Hypertension Abnormal lipid profiles Atherosclerosis Left ventricular hypertrophy
Endocrine	Insulin resistance/abnormal glucose metabolism Type 2 diabetes Menstrual abnormalities Polycystic ovary syndrome
Gastroenterological	Nonalcoholic fatty liver disease Gastro-oesophageal reflux Gallstone development
Pulmonary	Asthma Sleep-associated breathing disorders
Orthopaedic	Slipped capital femoral epiphysis Genu valgum Tibia vara Flat feet Low back pain Scoliosis Osteoarthritis
Neurological	Idiopathic intracranial hypertension
Dermatological	Acanthosis nigricans

PSYCHO SOCIOLOGICAL STIGMA:

Many studies have found that children negatively stereotype overweight and obesity. Stigma such as criticism by parents, weight related teasing all lead to body dissatisfaction and poor self esteem[58].

Figure : 5 Vicious Cycle of Childhood Obesity



AETIOPATHOGENESIS OF CHILDHOOD OBESITY :

Aetiopathogenesis of obesity is multi-factorial and includes many factors like genetic, environmental, socio-cultural factors, neuroendocrine, metabolic and psychological[59].

There have been important developments and many factors which have evolved in controlling appetite like OrexinA, Ghrelin and other endogenous cannabinoids have been identified[60]. There is also a new concept called non exercise activity thermogeniens which provide us new perspectives on this energy expenditure. While adipose tissue is now being recognized as an important organ, by secreting leptin and other adipokines by which it communicates with brain and other peripheral tissues. Now adiponectin is considered to be a key hormone which is a protein factors released by white adipose tissues. Many cytokines and chemokines have been identified along with other inflammation related proteins as obesity also characterized by mild inflammation.

Leptin, a 16,000 MW cytokine-like protein, is a basic hormonal sign from adipocytes in the regulation of voracity and vitality parity, cooperating with a few hypothalamic orexigenic and anorexigenic pathways[61-64]. Consequently, the neuropeptide Y, melanin-concentrating hormone, orexin A, agouti-related peptide, and cannabinoid frameworks have each been accounted for to be repressed by leptin. Interestingly, the key anorexigenic

frameworks of master opiomelanocortin/ melanocortin, cocaine-and amphetamine-controlled transcript, and corticotrophin-discharging hormone are unregulated by the hormone. These different impacts of leptin result in a capable concealment of nourishment admission. Notwithstanding repressing admission, leptin assumes a part in the regulation of vitality use; a powerful illustration of this originates from overfeeding studies on typical and ob/ob mice. In one study, incline mice sustained a "cafeteria diet" gorged by 70% in vitality terms with no extra vitality affidavit; this is a capable outline of the quite faced off regarding marvel of eating regimen affected thermogenesis. Fortunately, in this specific study, the vitality admission of the incline mice bolstered the cafeteria eating regimen was the same as that of ob/ob mice sustained a standard lab diet[65].

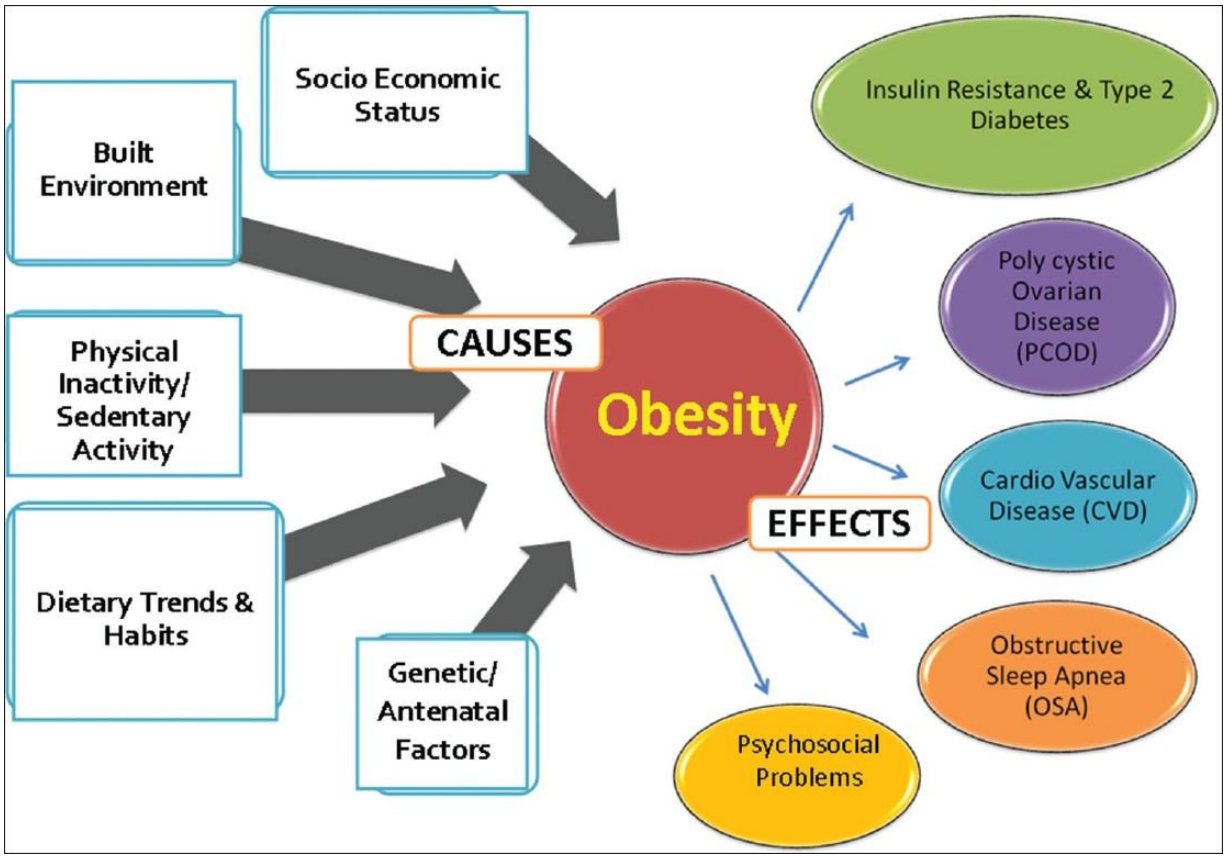
On the other hand, the rate of vitality testimony of the fat was 3 times that of the incline. In this manner, the ob/ob mutants lacking practical leptin had an enormously lessened limit for eating regimen incited thermogenesis. Adipokines, the ID of leptin prompted the acknowledgment that white fat is an imperative endocrine organ. For sure, it is currently obvious that white adipocytes emit a multiplicity of protein flags and variables termed adipokines. The differences of the adipokines are impressive, as far as both protein structure and capacity. The adipokines include established cytokines (e.g., TNF-cx, IL-6), chemokines (e.g., monocyte chemoattractant protein-1

[MCP-1]), proteins of the option complement framework (e.g., adipsin), and proteins included in vascular hemostasis (e.g., plasminogen activator inhibitor-1 [PAI-1]), the regulation of pulse (angiotensinogen), lipid digestion system (e.g., cholesteryl ester exchange protein, ret□inol tying protein), glucose homeostasis (e.g., adiponectin), and angiogenesis (e.g., vascular endothelial development variable [VEGF) typical LDL molecule.. Resistin is another hormone emitted by fat tissue, which brings about insulin resistance and weight related sort 11 diabetes. Leptin, the result of Ob quality has no part in the insulin resistance associated with heftiness. Heftiness does not come about because of a solitary element[66-68].

Social, behavioral and biologic variables control the vitality admission and consumption. Hereditary and hormonal elements add to individual weakness. It has been set up certain that an abdominal area fat conveyance presents a more prominent metabolic and wellbeing danger than a lower muscle to fat ratio dissemination. The part of FFA in the genesis of the metabolic disorder of stoutness has additionally been built up past doubt. Adipose tissue is presently given the status of an organ. It, truth be told, is having significant capacities than already suspected. It mirrors the store sustenance on board and absence of fat tissue is connected with diminished work productivity, menstrual and ripeness issue and psychosocial issues. The number and size of fat tissue increments amid growth and outset. This

proceeds in adolescence at a moderate pace. In adulthood, in many people, the fat tissue is generally stable. It is to be noted that fat tissue is likewise given the status of an endocrine organ. It secretes a 16 kD protein called leptin in extent to the size and number of fat cells. The OB quality encodes this protein. It courses bound to tying proteins and crosses the blood-cerebrum hindrance. It appends to OB receptors in the hypothalamus and choroids plexus and sends various signals that outcome in hunger regulation, nourishing conduct and upkeep of body weight. It additionally impacts quality expression and emission of neuropeptide Y (NPY). NPY is an intense stimulator of sustaining [69-70].

Figure : 6 Obesity Causes and Effects



BIOLOGICAL CAUSES:

A few percentage is said to be from identifiable causes such as hormonal, syndromic, neurological, or single gene defect conditions[71]. Apart from this some children display a genetic predisposition to obesity, which has been studied in few twins[72].

ENVIRONMENTAL CAUSES:

There is an indirect association between the environmental influence and the risk of developing obesity. Obesity rates are high in urban areas, because of the change in lifestyle such as deserved physical activity and increased consumption of food which is energy dense [73,74.] There also no safe are for children to play outside and the infracture do not support walking. The pressure on children to only study along with the decrease in physical education classes conducted in schools has also lead to an increase in obesity. These factors have become important in terms of public health action and many studies are now focusing on above explained parameters. Some studies have also explained that obesity is increasing in low income group also because they do not provide nutritious meal to children and they do not have access to fresh food[75]

PREVENTION OF OBESITY IN CHILDREN:

Some of the preventive measures adapted are limited consumption of sugar drinks, encouraging diets which are rich in fresh fruits and vegetables, limiting screen viewing time less than 2 hours per day, having a compulsory breakfast, family meal should be encouraged, increase in physical activity[76].

The below are some of the models used for prevention which are actat various levels

Figure : 7 Ecological Model for Health Promotion

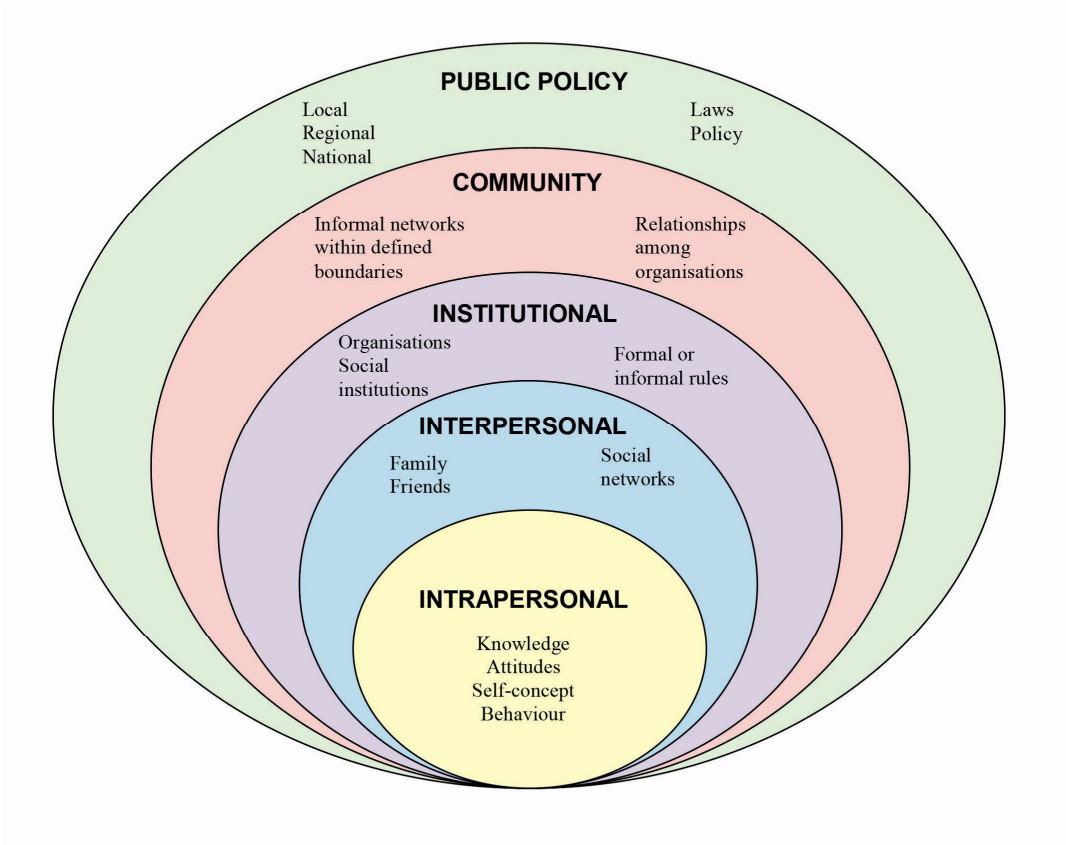
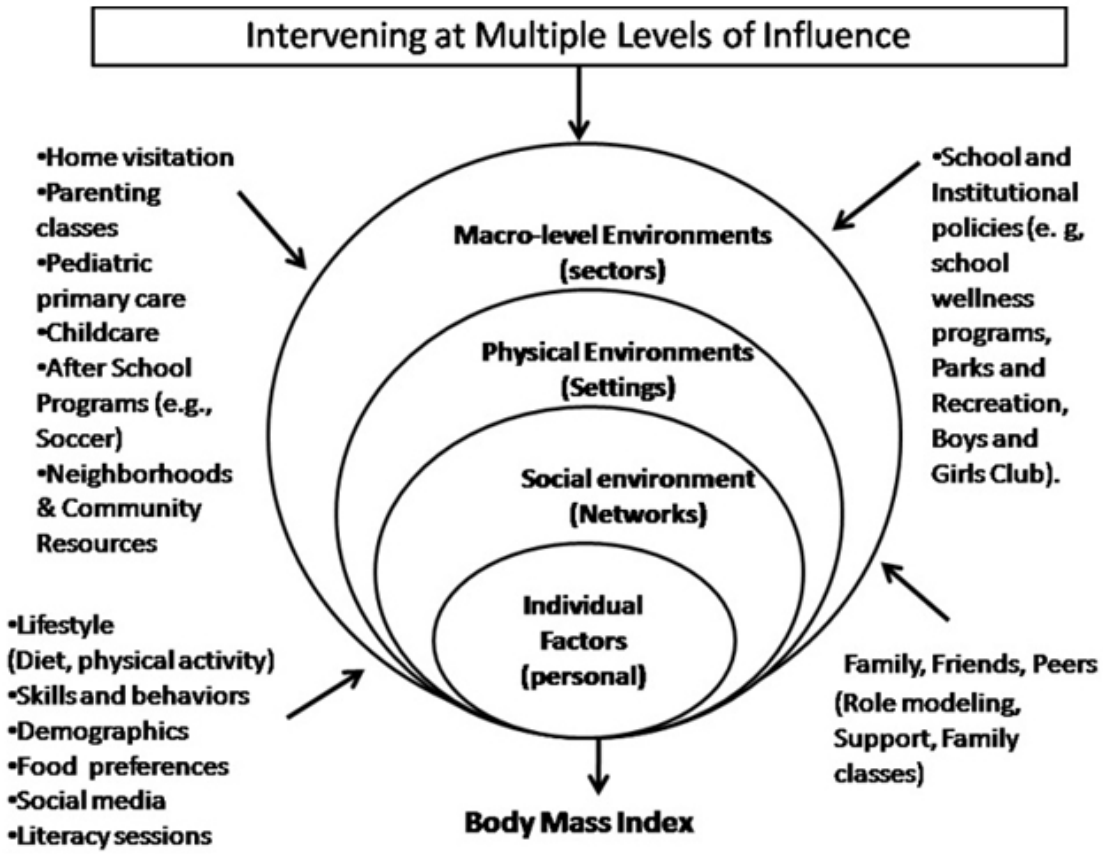


Figure : 8 Intervening at Multiple Levels



STUDIES PERTAINING TO THIS TOPIC

Savva SC, Tornartis M, Savva ME did a study on waist circumference and waist-to-height ratio to be better predictors of cardiovascular disease risk factors in children than body mass index. They stepwise multiple regression analysis for their studies and found that waist circumference was the most significant predictor among all variables for both boys and girls, whereas BMI had the lowest predictive value[77].

In 2006, a Cross-Sectional Comparison of BMI and Waist Circumference in British Children by McCarthy HD[1], Ellis SM, Cole TJ was conducted to compare WC, BMI, and WHR data in three different samples of children to study the prevalence of obesity. In their study, the proportion of children who were classified as overweight had not changed significantly using all the measures; however the children who were classified as obese increased by fourfold. This data provides us a strong case for questioning the current interpretation and the use of BMI and WC and highlights the need for better understanding the relationship between both and the changes associated with growth during childhood and the associated health risk. During the past 10-20 years, trends in WC have greatly exceeded when compared with BMI, particularly in girls, and this shows that BMI is a poor proxy for central fatness. BMI has therefore systematically underestimated the prevalence of obesity in children and adolescents[78].

A cross-sectional study from Madras Diabetes Research Foundation by Sonya Jagadesan, Ranjani Harish was done to estimate obesity in children in Chennai, India, and they observed that the prevalence of overweight/obesity was significantly higher in private schools when compared to government schools and was also higher among girls (IOTF: 18%, Khadilkar: 21.3%) compared to boys (IOTF: 16.2%, Khadilkar: 20.7%) , and higher among adolescents (IOTF: 18.1%, Khadilkar: 21.2%) when compared to children (IOTF: 15.5%, Khadilkar: 20.7%)[79].

A study in London by Wardle obesity at the time of transition from childhood to adolescence, found that overweight/obesity which was estimated by using both BMI and waist circumference) present around age of 11years was highly likely to persist to the age of 15[80].

NEED FOR STUDY

The present prevalence of overweight and obesity in India is 11- 29-%. Obesity has been declared as a global pandemic that constitutes one of the leading future threats to public health. In people of South Asian origin, central obesity alone is a powerful predictor of morbidity and mortality for a number of chronic diseases. Globally, it has been estimated that three out of ten children aged between 2 and 15 are considered to be overweight or obese, as per the latest statistics[81-83]. However this is mainly based on measurement program done by schools which uses Body Mass Index which is plotted on a growth chart where the age is also taken into account. Now experts have said

that this leads to an underestimation of the childhood obesity problem as it does not account where the children carry the extra weight on their body. If WC is used along with BMI, then four out of ten children would become classified as either overweight or obese[84]. Fat around the middle has to be considered as most hazardous to health as it increased the risk for development of type 2 diabetes, which is missed by BMI. So the purpose of this study is to estimate the prevalence of obesity using BMI, waist circumference and waist/ height ratio in assessing the prevalence of obesity. Obesity in children and adolescents is now a major public issue even in developing countries, including India. There is a chance that one-half of these obese school children might become obese adults. Whether or not obesity persists into adulthood, even in childhood obesity, is also associated with an increase in the risk of subsequent morbidity[85]. This shows the Significance of estimating the prevalence of obesity in children which cannot be overemphasized. There are only few studies which report the prevalence of childhood and adolescent obesity and overweight in the different parts of India such as (Punjab, Maharashtra, Delhi and South India) and the percentage range from 3% to 29%, and this indicates in urban areas the prevalence is high when compared to rural areas. Worldwide a controversy is going on regarding childhood obesity. It is more prevalence in India. I have seen many obese children and have wondered about the causes. That is the reason which influenced me to do this research on my statement problem.

MATERIALS AND METHODOLOGY

STUDY DESIGN

This study is a school-based, descriptive, cross-sectional study.

STUDY PERIOD

The study was carried out over a period of twelve months, from July 2014 to July 2015.

ETHICS

The study was approved by the Ethical Committee of Coimbatore Medical College Hospital and informed consent was obtained from Chief Educational Officer (Coimbatore Corporation) and also from the School Principal and participants of the study, for the study purposes.

STUDY POPULATION

The population under study are 11 to 15 years old urban school children in Coimbatore district, Taminadu.

SAMPLE SIZE

The total number of students of 11-15 years of age was obtained from The Chief Educational Officer (Coimbatore Corporation) including government and private schools. The total number of students are 1,15,724 and the average number of students per class is 42,301.

The sample size calculation formula

$n=t^2*p\ (1-p)/m2$

Description

n=required sample size

t=confidence level of 95%

(standard value of 1.96)

p=expected frequency of the factor under study-14.7%

m=margin of error of 2.5%

$n=1.96^2 *0.147(1-0.147)/0.025^2 = 770$

The sample is increased by 10% to account contingencies like non response and recording error.

n+10%=770+10% =848 sample.

Round off - 850 samples.

Government schools - 50%

Private schools - 50%

Study sample - 850

Using the above-mentioned formula, previous studies and in consultation

with the statistician ,the sample size was calculated to be 850 and the sample strata was calculated to be 170 for each age group from 11-15 yrs.

SAMPLING TECHNIQUE

Thus, 850 subjects from Coimbatore district were selected for this study. We adopted a multistage stratified random sampling procedure. Schools were selected based on the list of schools in Coimbatore which was obtained from the District Education Office. By using simple random technique, first six schools were selected. The Probability, proportional to the size sampling technique was used to select the sample from each school. Both government & private schools were included & the ratio was 1:1 in accordance with distribution of schools in Coimbatore. On reaching the selected school, the classes were selected randomly from each grade. The Students were then selected from each class by again using simple random technique, with help of the students' register, till the desired sample was met. From individual classes from each institution, 50 subjects would be recruited. Students who did not submit the Performa or those whom were notable & who were not cooperative were considered as non-respondent.

INCLUSION CRITERIA

11-15 yrs of urban school children in Coimbatore

EXCLUSION CRITERIA

Students with major dysmorphology or signs of physical deformity

TOOLS AND MATERIALS USED

A Proforma was used and details were collected, which included their involvement in physical activities such as participation in games, sports activities they preferred or predominantly indoor activities. Their screen viewing time which included watching television, playing computer and video games was also noted. Their food habit weather healthy & Unhealthy & eating junk food was taken into consideration. The number of meals consumed while watching television and their sleeping time and morning rising time were noted. The age, educational status, occupation of both parents and their monthly income, family size and the socio-economic status were also taken into consideration. The socio-economic status was assessed based on the Modified Kuppuswamy scale.

For measuring height a portable stadiometer was used.

Weight was measured using portable electronic weighing machine .

Waist circumference was measured using a non stretchable elastic tape.

METHODOLOGY

The study was approved by the Ethical Committee of Coimbatore Medical College Hospital, Coimbatore and informed consent was obtained from Chief Educational Officer (Coimbatore Corporation) and also from the School Principal and participants of the study, for the study purposes.

PROCEDURE

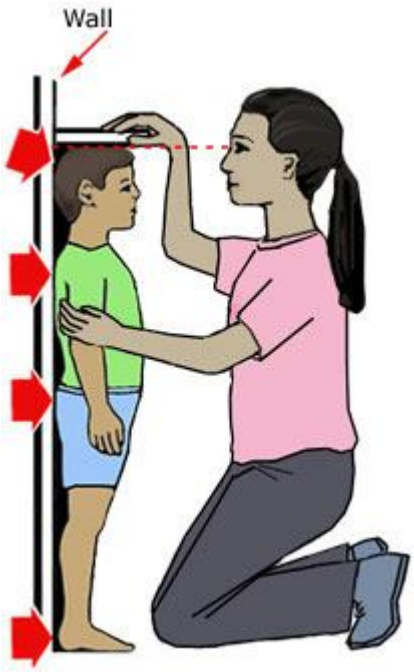
MEASUREMENT OF HEIGHT

Height was measured, standing using a portable stadiometer (range 60 - 207 cm). It was ensured that the stadiometer was on level ground.

Figure : 9 Stadio Meter

The child stood in socks or barefoot on the flat base of the stadiometer, feet slightly apart and the back of the head, the shoulder blades, buttocks and heels touching the vertical rod, and head in the Frankfurt plane. Gentle traction was applied to the mandibular process and the headboard was then lowered. The reading was taken to the last completed mm, avoiding parallax, and two such readings were averaged for analysis.

Figure : 10 Measurement of Height



Thus height was measured as per the WHO child growth standards: training course on child growth assessment, 2008. When assembling the height boards, it was checked that they are assembled correctly by measured rods of known length.

MEASUREMENT OF WEIGHT

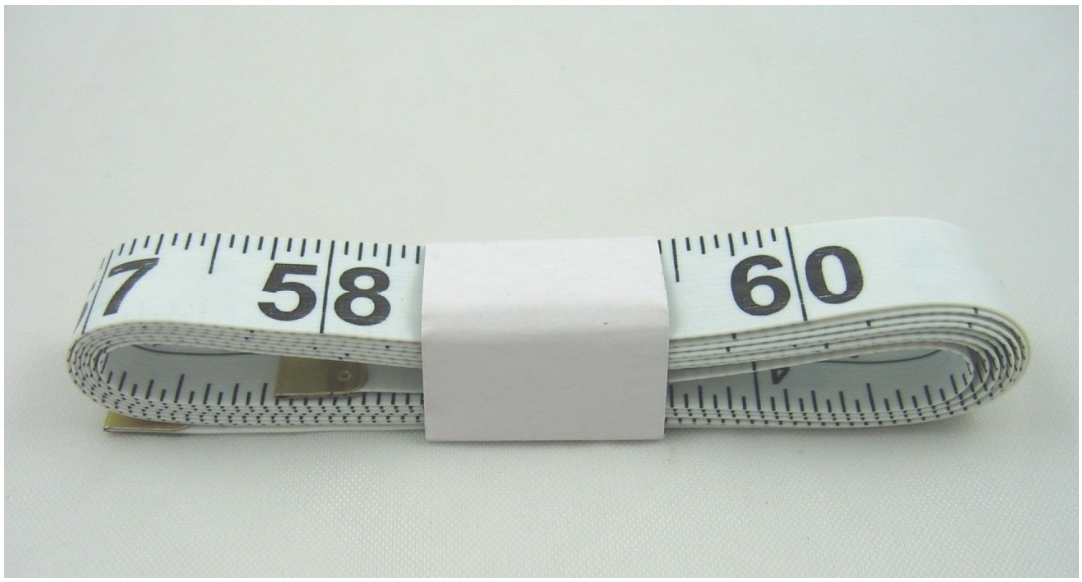
The scale was placed on a flat, hard, even surface. The children were asked to stand in the middle of the scale, feet slightly apart and they were to remain still until the weight appears on the display. Then weight was measured using a portable electronic weighing machine accurate to 100 g. As per the WHO child growth standards: training course on child growth assessment, 2008. The weighing scale was regularly checked with known standard weights of 3, 5, 10 and 20 kg. The accuracy of equipment was checked at the time of purchase and thereafter at least once weekly.

Figure : 11 Weighting Scale

MEASUREMENT OF WAIST CIRCUMFERENCE:

An important issue for both using and for interpreting waist circumference is the protocol used to obtain the measurements. Here we have the protocol as discussed, the anatomical placement of the measuring tape, its tightness and the type of tape used, the subject's posture, phase of respiration and abdominal tension.

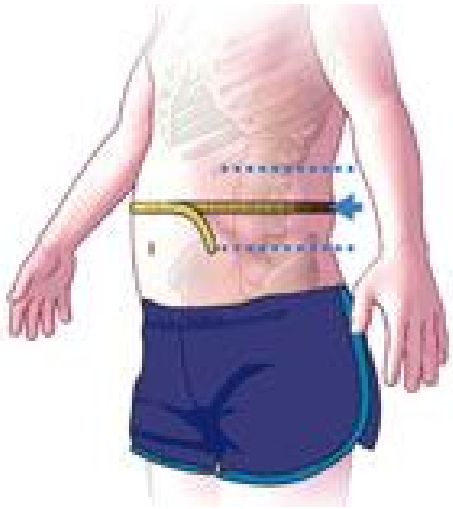
Figure ; 12 Inch Tape



Placement of tape:

The WHO STEPS protocol is used for measuring waist circumference which instructs that the measurement must be made at the approximate midpoint between the lower margin of the last palpable rib and the top of the iliac crest (WHO, 2008b). In this study also the waist circumference has been measured in the same manner. Lower margin of the last palpable rib and the top of the iliac crest.

Figure : 13 Measurement of Waist Circumference



The tightness and type of tape used:

Most importantly the accuracy of waist circumference measurements depends on how tight the tape is used, and its correct positioning. The WHO STEPS protocol states that, for WC measurement of waist, the tape should be kept snug around the body, but in such a way that not pulled so tight which then becomes constricting (WHO, 2008b). It is recommended to use a tape which is stretch resistant.

The posture of students during measurement:

At the time of measurement, the posture in which the subject stands also influences the accuracy of measurement. Thus, the WHO STEPS protocol recommends that the subject should stands with both arms at the sides and feet positioned close together, and weight evenly distributed across the feet (WHO, 2008b).

The phase of respiration at the time of measurement:

This determines the extent of fullness of the lungs and the position of the diaphragm during measurement; which in turn influences the accuracy of the measurement. The WHO STEPS protocol suggests that the waist circumference should be measured at the end of a normal expiration, when the lungs are at their functional residual capacity (WHO, 2008b). In this study, the waist circumference was thus during measured at the end of a normal expiration.

The abdominal tension during measurement:

The tension of the abdominal tension in turn affects the accuracy of the waist circumference measurement. Decreasing the abdominal wall tension increases waist circumference, whereas increasing the tension (by sucking in) reduces waist circumference. Some of the individuals unconsciously react at the time of measurements by sucking in their abdominal wall; hence, a relaxed posture is aimed for taking correct waist measurements. The WHO STEPS protocol recommends that the subject should advice to be relaxed and take few deep breaths before the actual measurement is made, which will minimize the inward pull of the abdominal contents during the waist measurement (WHO, 2008b), which was followed in this study.

Following the above protocol, WC was measured with the students standing with their feet close together and both arms at their sides in a relaxed position, during the end of their normal respiration. The measurements were repeated twice and the difference should be less than 1cm, then the average was confirmed. If it exceeded 1 cm measurements were repeated. The tape was regularly checked and if there was any damage the tape was replaced.

The anthropometric measures we took were the height, weight, and WC and the same protocols were followed for all students, and measurements were taken by the same person.

- BMI was calculated by the formula

$$\text{BMI} = \frac{\text{WEIGHT IN KG}}{\text{HEIGHT IN M}^2}$$

and the student was considered obese if he or she was more than or equal to 27^{th} adult equivalent of IAP BMI chart - Annexure : 7-8

WC was thus measured and the student was considered obese if he or she was more than or equal to 75^{th} Percentile of Smoothed and Weighted Age and Sex Specific Waist Circumference Percentile Values (cm) for Indian Children 3-16 years of age Ref : Annexure : 9

WHR was calculated by the formula

$$\textbf{WHR} = \frac{\textbf{WAIST CIRCUMFERENCE IN CM}}{\textbf{HEIGHT IN CM}}$$

and the student was considered obese if he or she was more than or equal to 0.5 as per the Smoothed And Weighted Age And Sex Specific Waist - Height(Wht) Ratio Percentile Values For Indian Children 3-16 years of age Ref : Annexure : 10

STASTICAL ANALYSIS

The data are reported as the mean +/- SD or the median depending on their distribution. The differences in quantitative variables between the groups were assessed by means of an unpaired T test. The comparison between groups were made by the Non parametric Mann-Whitney test. ANOVA was then used to assess the quantitative variables. A Chi square test was used to assess the difference in categorical variables between groups. ROC curve and Odds ratio were performed. A p value of <0.05 using a two - tailed test was taken as being of significance for all statistical tests. All data were analyzed with a statistical software package.(SPSS, version 16.0 for windows).

RESULTS

The table below shows the number of children involved in the study in the various age groups including gender distribution and distribution in private and government schools

Table : 2 Age Distribution

Age Distribution			
	Gender		
Age	**MALE**	**FEMALE**	**Total**
11	68	106	174
12	75	96	171
13	85	86	171
14	50	122	172
15	61	110	171
Total	339	520	859

Figure : 14 Age Distribution

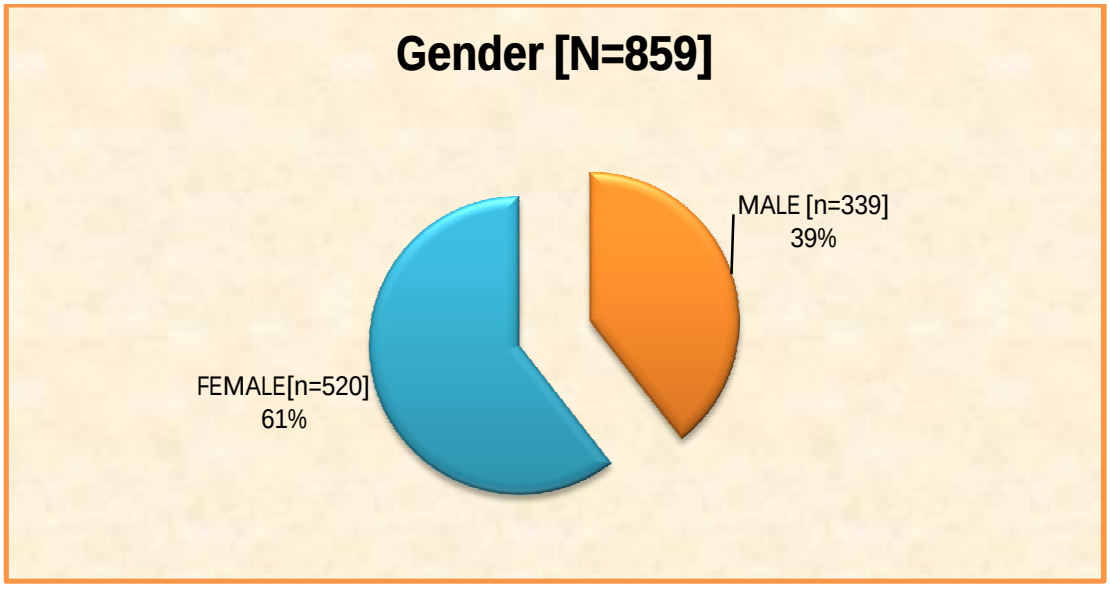
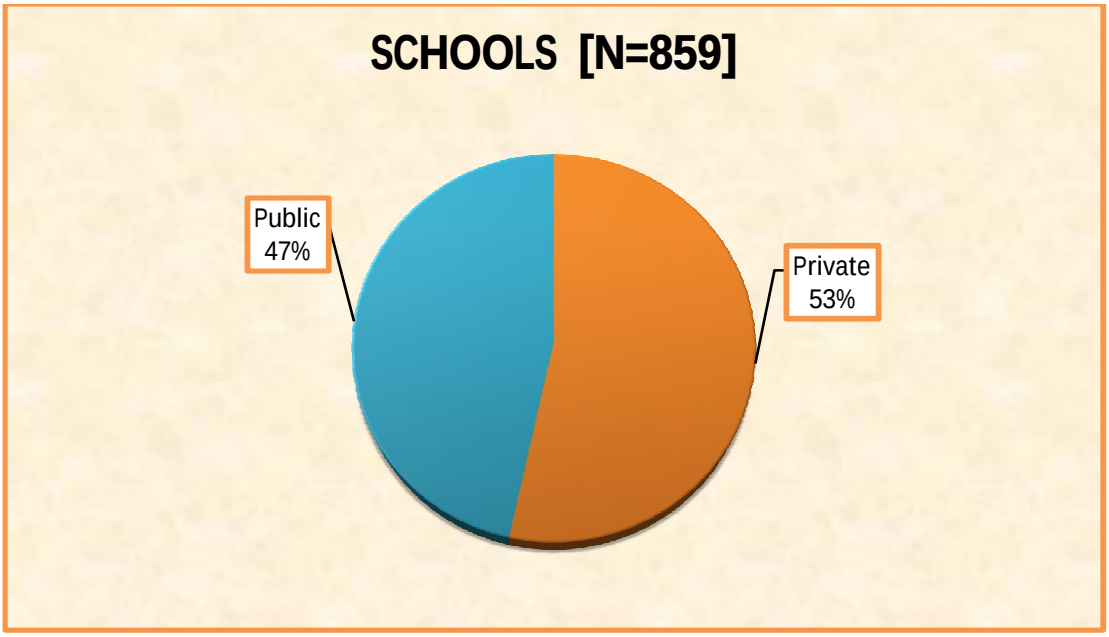


Figure : 15 Schools

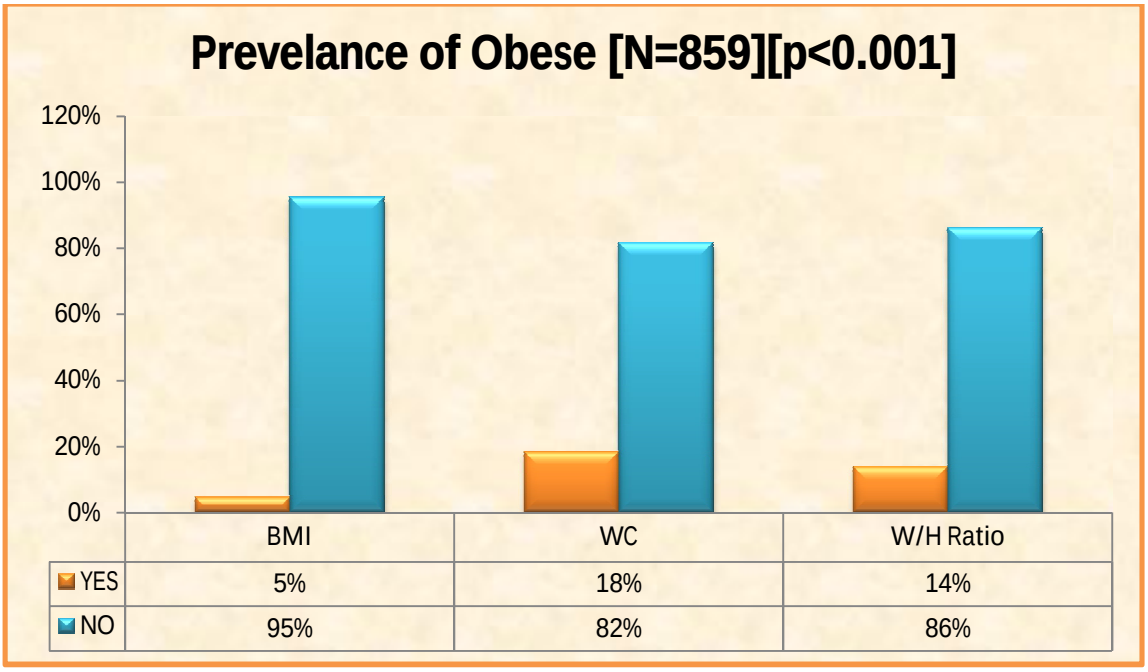


From the study population of 860 children, 859 were included and the prevalence of obesity is as follows. According to BMI - 40 children, 5% are obese; WC - 157 children,18% are obese and WHR-119 children, 14% are obese.

Table : 3 Prevalence of Obesity in the study Population

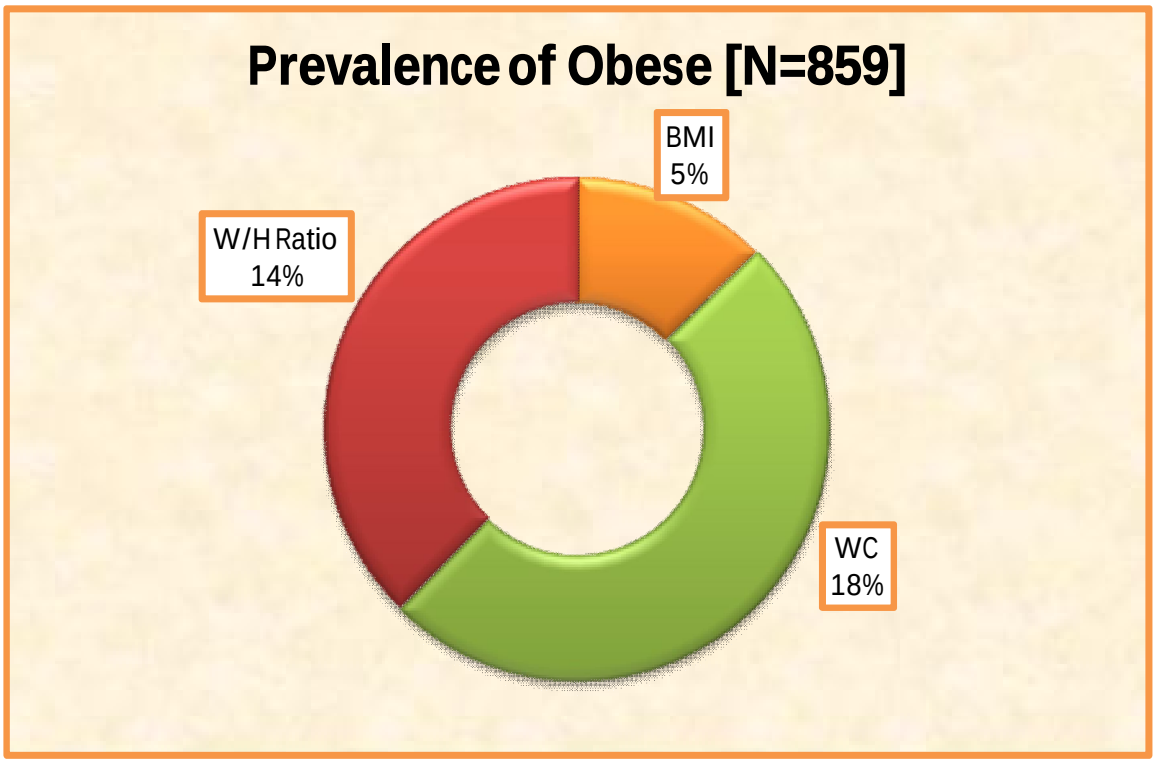
Prevalence of Obesity in the study Population		
	OBESE	
Variables	YES	NO
BMI	40	819
WC	157	702
W/H Ratio	119	740

Figure : 16 Prevalence of Obesity in study population



Much studies have not been conducted using all three parameters for estimation of obesity and hence in this study we could estimate that by using WC for estimating obesity, then the prevalence increases by 13.6% and by using WHR the estimation of obesity increases by 9.2% and by using combined WC and WHR the estimation of obesity increases by 11.4% than BMI which only estimates 5% of obesity. Thus if only a single factor such as BMI is used obesity may be underdiagnosed.

Figure : 17 Prevalence of Obesity



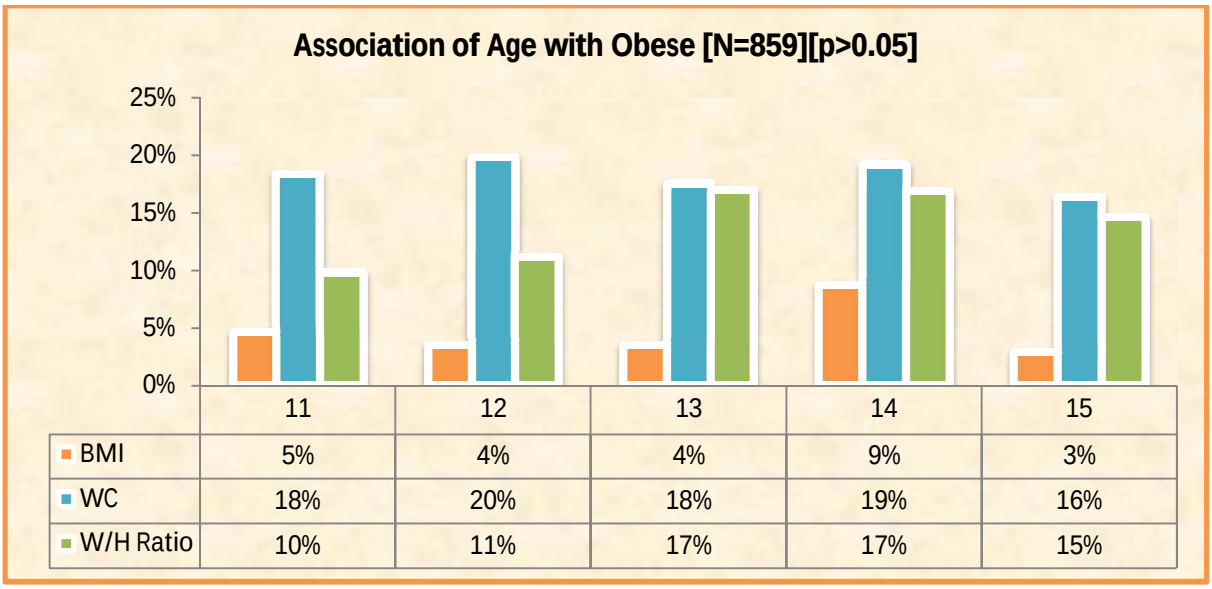
RISK FACTORS FOR OBESITY

In this study various risk factors taken into account are as follows:

AGE AND GENDER OF THE CHILDREN AND OBESITY

The age of children being obese is more in 12 to14 years age group

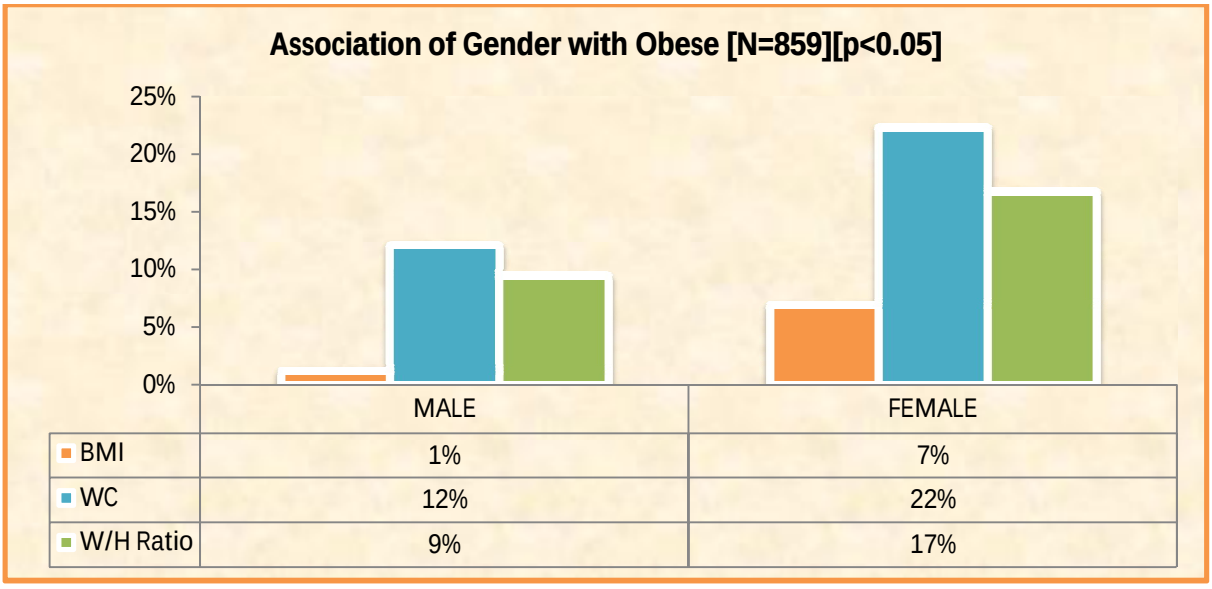
Figure : 18 Association of Age with Obese



	11	12	13	14	15
BMI	5%	4%	4%	9%	3%
WC	18%	20%	18%	19%	16%
W/H Ratio	10%	11%	17%	17%	15%

According to this study, obesity is more in females in all ages

Figure : 19 Association of Gender with Obese



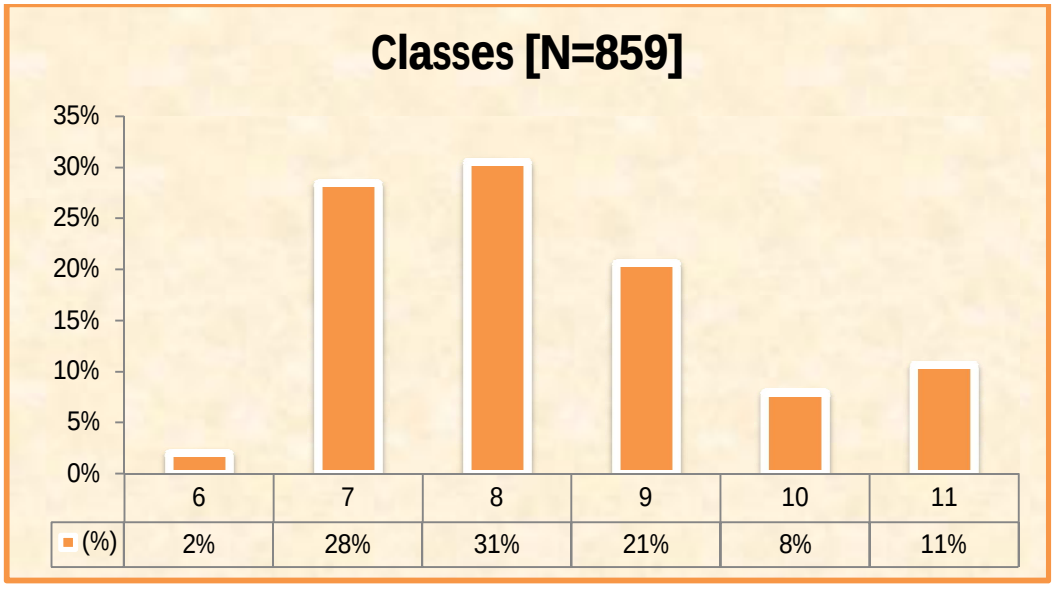
	MALE	FEMALE
BMI	1%	7%
WC	12%	22%
W/H Ratio	9%	17%

GRADE STUDIED WITH OBESITY

Table : 4 Standard Wise

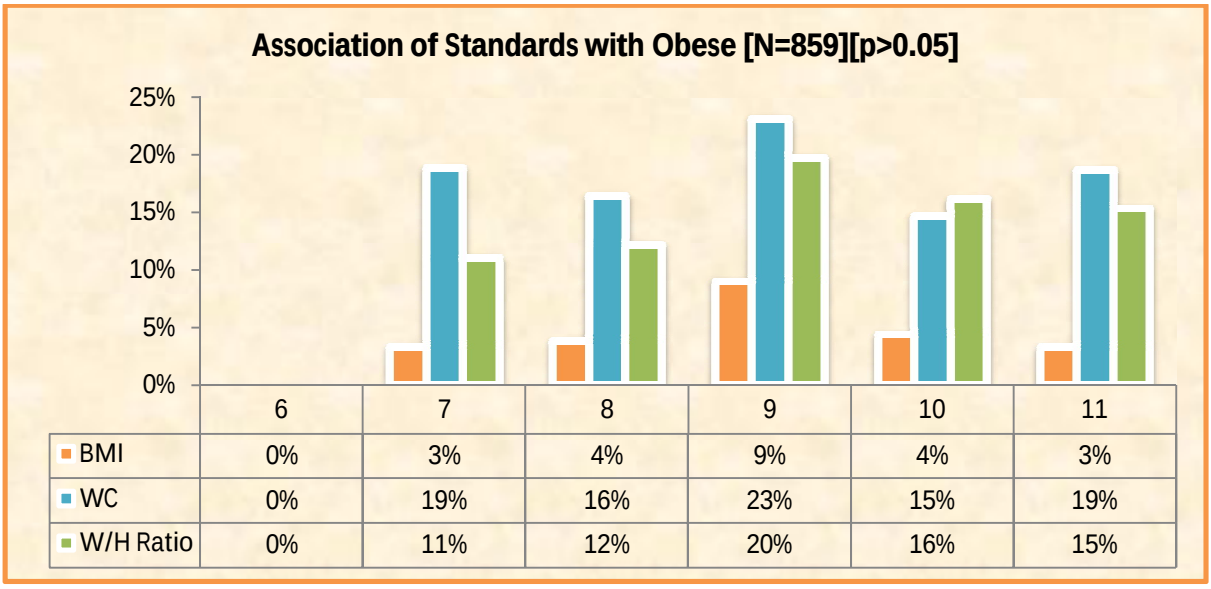
Standard wise		
STD	n	(%)
6	17	2%
7	244	28%
8	262	31%
9	177	21%
10	68	8%
11	91	11%
Total	859	520

Figure : 20 Classes



Similar to age, there is increased obese children in class 8 followed by class 7 and 9.

Figure : 21 Association of Standards with Obese



	6	7	8	9	10	11
BMI	0%	3%	4%	9%	4%	3%
WC	0%	19%	16%	23%	15%	19%
W/H Ratio	0%	11%	12%	20%	16%	15%

MODE OF SCHOOL WITH OBESITY

Table : 5 Association of Mode of School with Obese in Study Population

Association of Mode of School with Obese in study population				
		OBESE		
School	**TOTAL**	BMI*	WC*	W/H Ratio*
Private	459	30	95	73
Govt.	400	10	62	46
* --> Significant at <0.05 level				

Figure : 22 Association of Mode of School with Obese

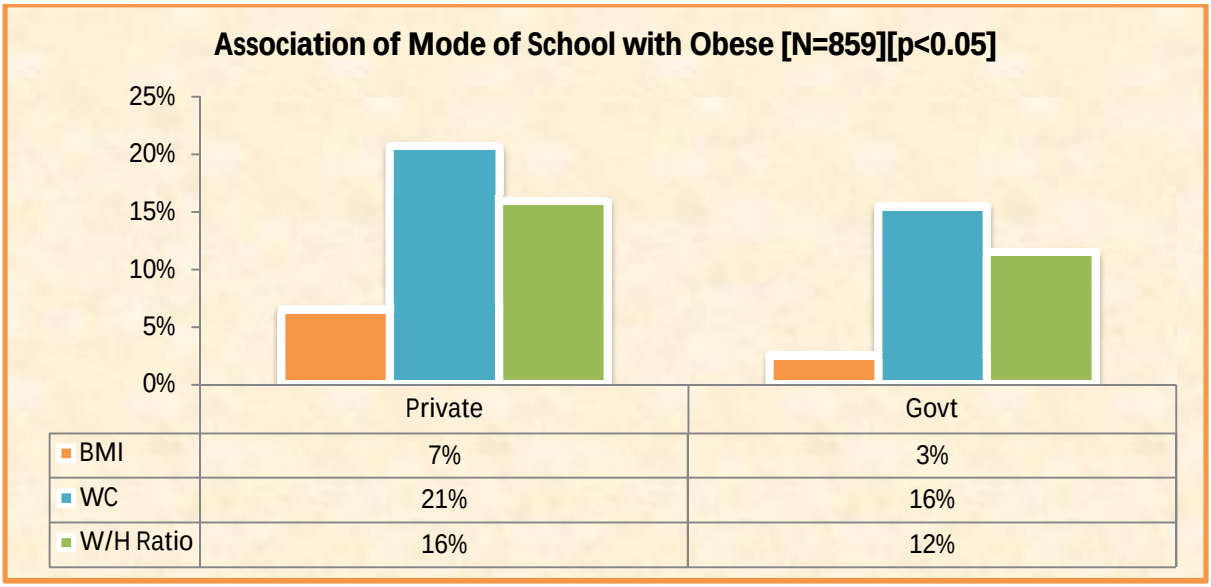


Table : 6 ODDS RATIO - Private School

ODDS RATIO - Private school			
		BMI	2.727 [95% CI : 1.316 - 5.652]
		WC	1.422 [95% CI : 1.000 - 2.024]
		W/H ratio	1.455 [95% CI : 0.979 - 2.163]

According to this study, obesity is more in private schools when compared to government schools.

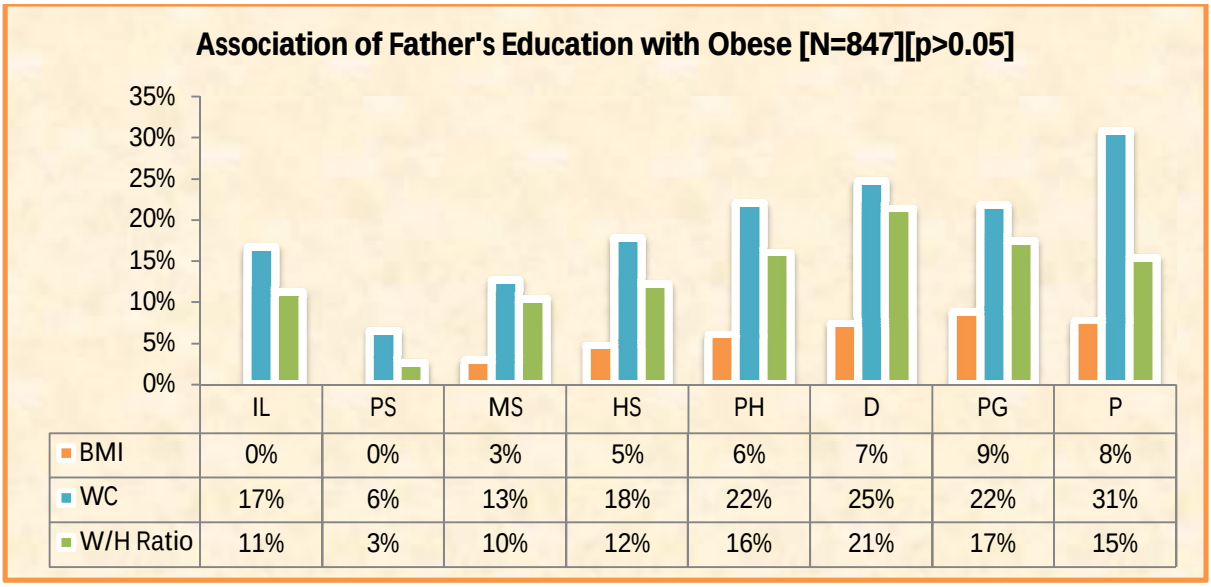
FATHERS EDUCATION WITH OBESITY

According to this study, obese children are more when fathers are degree holders, post graduates and professionals.

Table : 7 Association of Father's education with Obese in study population

Association of Father's education with Obese in study population				
		OBESE		
FATHER'S EDN	**Total**	BMI	WC*	W/H Ratio
ILLITERATE	18	0	3	2
PRIMARY SCHOOL	77	0	5	2
MIDDLE SCHOOL	174	5	22	18
HIGH SCHOOL	214	10	38	26
POST HIGH SCHOOL	150	9	33	24
DEGREE	178	13	44	38
POSTGRADUATE	23	2	5	4
PROFESSIONAL	13	1	4	2
* --> Significant at <0.05 level				

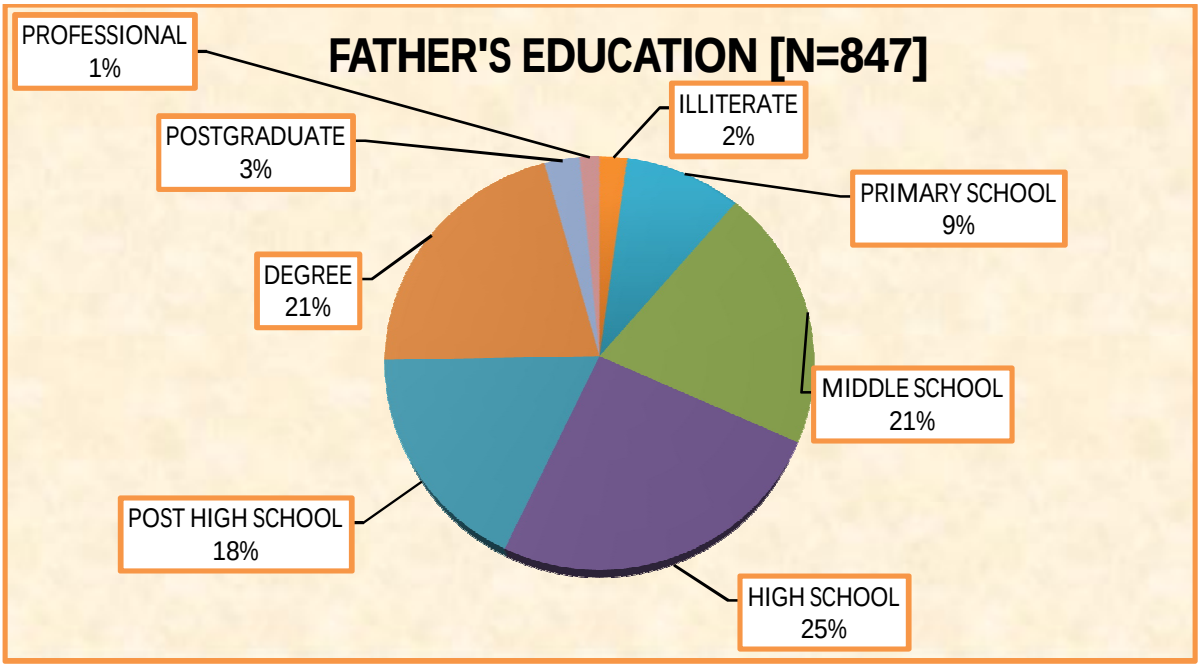
Figure : 23 Association of Father's Education with Obese



	IL	PS	MS	HS	PH	D	PG	P
BMI	0%	0%	3%	5%	6%	7%	9%	8%
WC	17%	6%	13%	18%	22%	25%	22%	31%
W/H Ratio	11%	3%	10%	12%	16%	21%	17%	15%

For most of the children, their father's education is high school which accounts for 25%, followed by middle school and degree holders, each 21% and then the rest.

Figure : 24 Father's Education



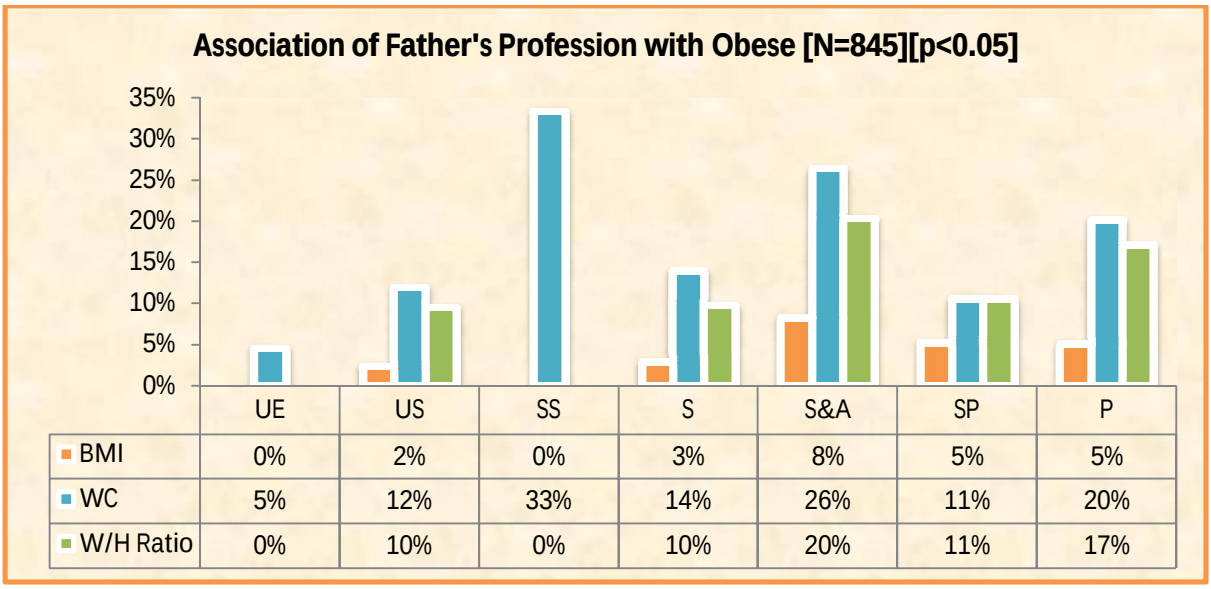
FATHER'S PROFESSION AND OBESITY

According to this study, obese children are more for fathers who are semi skilled and those who are business men and agriculturists.

Table : 8 Association of Father's Profession with Obese in study population

Association of Father's Profession with Obese in study population				
		OBESE		
FATHER'S PROFF	**Total**	BMI*	WC*	W/H Ratio*
UN EMPLOYED	22	0	1	0
UN SKILLED	126	3	15	12
SEMI SKILLED	6	0	2	0
SKILLED	308	9	43	30
SHOP AND AGRICULTURE	265	22	70	54
SEMI PROFESSIONAL	19	1	2	2
PROFESSIONAL	99	5	20	17
* --> Significant at <0.05 level				

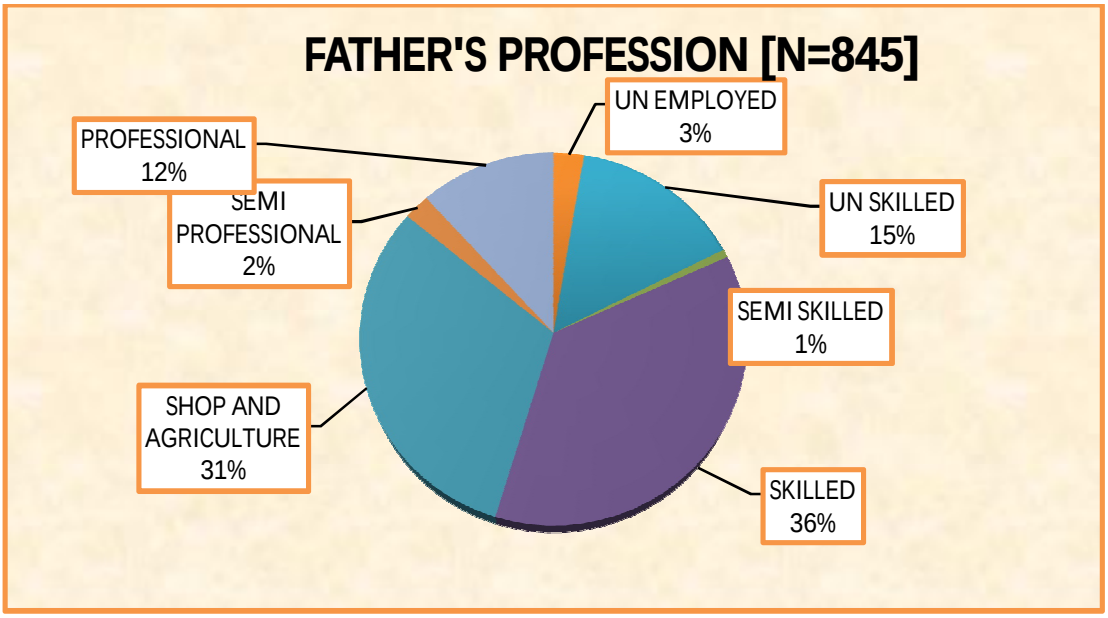
Figure : 25 Association of Father's Profession with Obese



	UE	US	SS	S	S&A	SP	P
BMI	0%	2%	0%	3%	8%	5%	5%
WC	5%	12%	33%	14%	26%	11%	20%
W/H Ratio	0%	10%	0%	10%	20%	11%	17%

Majority of the children's fathers are skilled workers which accounts for 36% followed by businessmen or practicing agriculture which accounts for 31%.

Figure : 26 Father's Profession



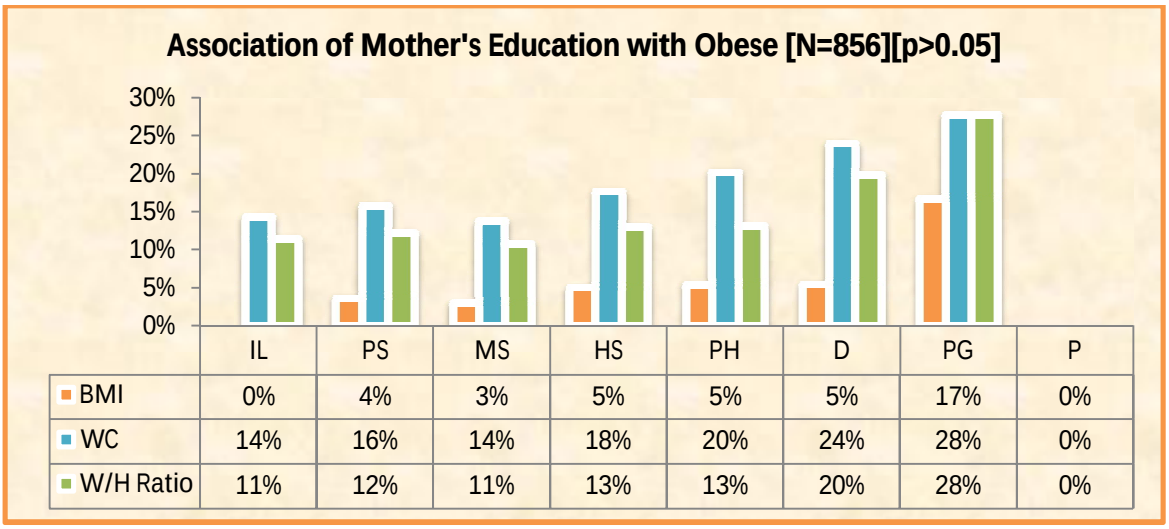
MOTHER’S EDUCATION AND OBESITY

According to this study, obese children are more in mothers who are degree holders, post graduates and professionals.

Table : 9 Association of Mother's education with Obese in study population

Association of Mother's education with Obese in study population				
		OBESE		
MOTHER'S EDN	**Total**	BMI	WC	W/H Ratio
ILLITERATE	35	0	5	4
PRIMARY SCHOOL	82	3	13	10
MIDDLE SCHOOL	167	5	23	18
HIGH SCHOOL	238	12	42	31
POST HIGH SCHOOL	168	9	34	22
DEGREE	146	8	35	29
POSTGRADUATE	18	3	5	5
PROFESSIONAL	2	0	0	0

Figure : 27 Association of Mother's Education with Obesity

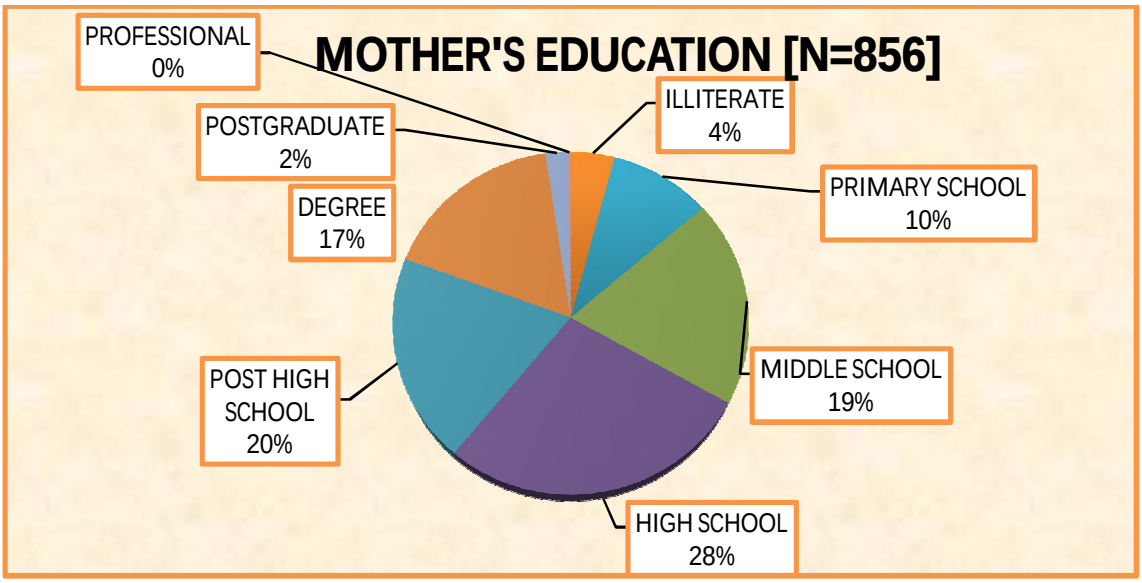


	IL	PS	MS	HS	PH	D	PG	P
BMI	0%	4%	3%	5%	5%	5%	17%	0%
WC	14%	16%	14%	18%	20%	24%	28%	0%
W/H Ratio	11%	12%	11%	13%	13%	20%	28%	0%

For most of the children, their mother's education is high school which accounts for 28%, followed by post high school 20% and middle school 19% and then the rest.

The educational qualification of the mother is slightly lower by a few % than the father.

Figure : 28 Mother's Education



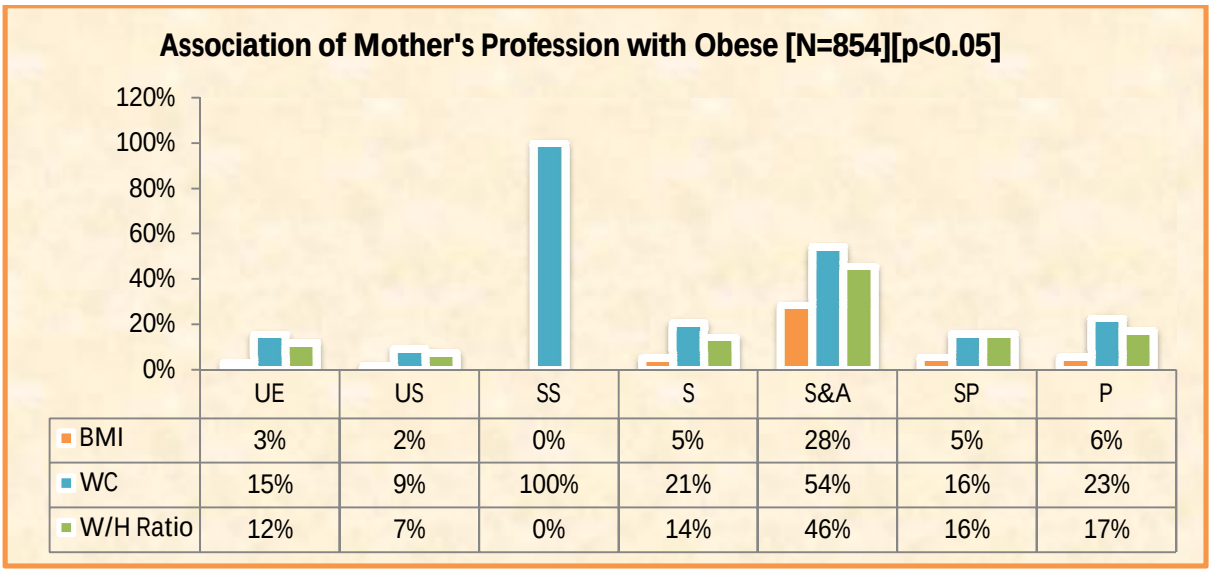
MOTHER'S PROFESSION AND OBESITY

According to this study, obese children are more for mothers who are semi skilled and those who are business women and agriculturists.

Table : 10 Association of Mother's Profession with Obese in study population

Association of Mother's Profession with Obese in study population				
		OBESE		
Mother's Proff	**Total**	BMI*	WC*	W/H Ratio*
UN EMPLOYED	485	14	75	58
UN SKILLED	109	2	10	8
SEMI SKILLED	2	0	2	0
SKILLED	140	7	29	20
SHOP AND AGRICULTURE	46	13	25	21
SEMI PROFESSIONAL	19	1	3	3
PROFESSIONAL	53	3	12	9
* --> Significant at <0.05 level				

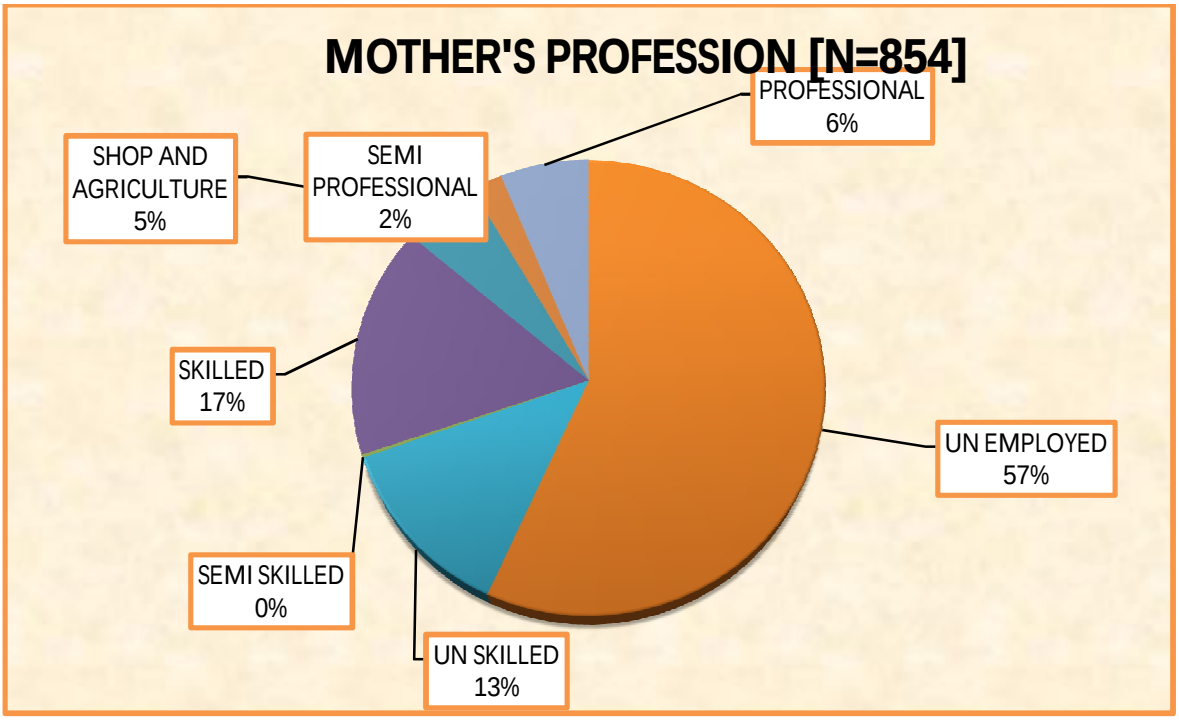
Figure : 29 Association of Mother's Profession with Obese



	UE	US	SS	S	S&A	SP	P
BMI	3%	2%	0%	5%	28%	5%	6%
WC	15%	9%	100%	21%	54%	16%	23%
W/H Ratio	12%	7%	0%	14%	46%	16%	17%

Majority of the children's mothers are unemployed, most of them being home makers which accounts for 57% followed by skilled workers 17% and then the rest.

Figure : 30 Mother's Profession



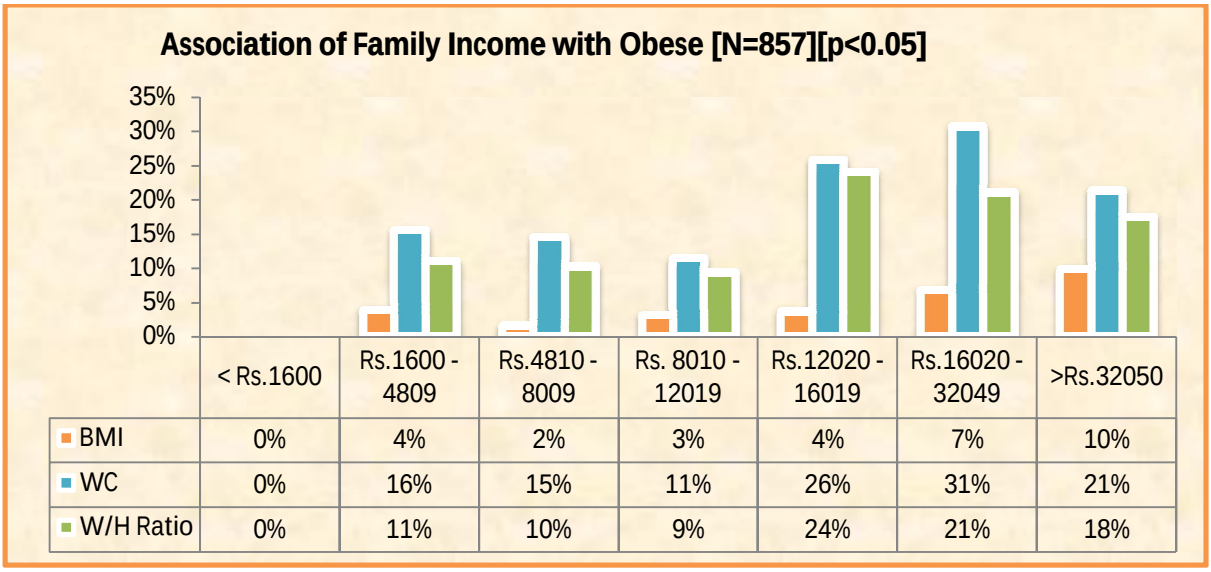
FAMILY INCOME AND OBESITY

According to this study, obese children are more in families who earn between Rs.12,000 to Rs.32,000.

Table : 11 Association of Family Income with Obese in study population

Association of Family Income with Obese in study population				
		OBESE		
Family Income	**Total**	BMI*	WC*	W/H Ratio*
< Rs.1600	13	0	0	0
Rs.1600 – 4809	154	6	24	17
Rs.4810 – 8009	254	4	37	26
Rs. 8010 – 12019	96	3	11	9
Rs.12020 – 16019	54	2	14	13
Rs.16020 – 32049	104	7	32	22
>Rs.32050	182	18	39	32
* --> Significant at <0.05 level				

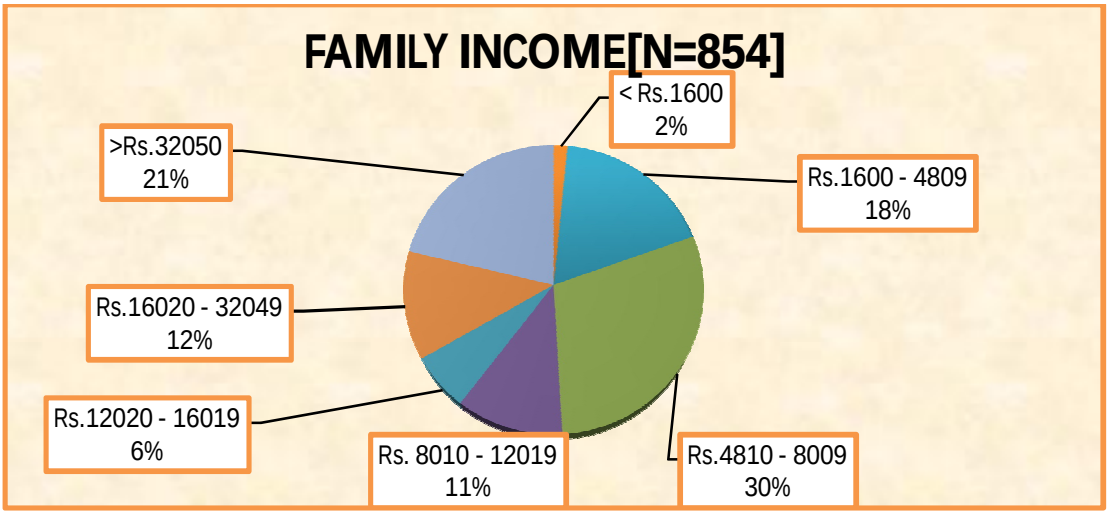
Figure : 31 Association of Family Income with Obesity



	< Rs.1600	Rs.1600 - 4809	Rs.4810 - 8009	Rs. 8010 - 12019	Rs.12020 - 16019	Rs.16020 - 32049	>Rs.32050
BMI	0%	4%	2%	3%	4%	7%	10%
WC	0%	16%	15%	11%	26%	31%	21%
W/H Ratio	0%	11%	10%	9%	24%	21%	18%

Majority of the children are from family income group of 4,810-8,009 rupees per month which accounts for 30% followed by 32,050 rupees per month which accounts for 21%.

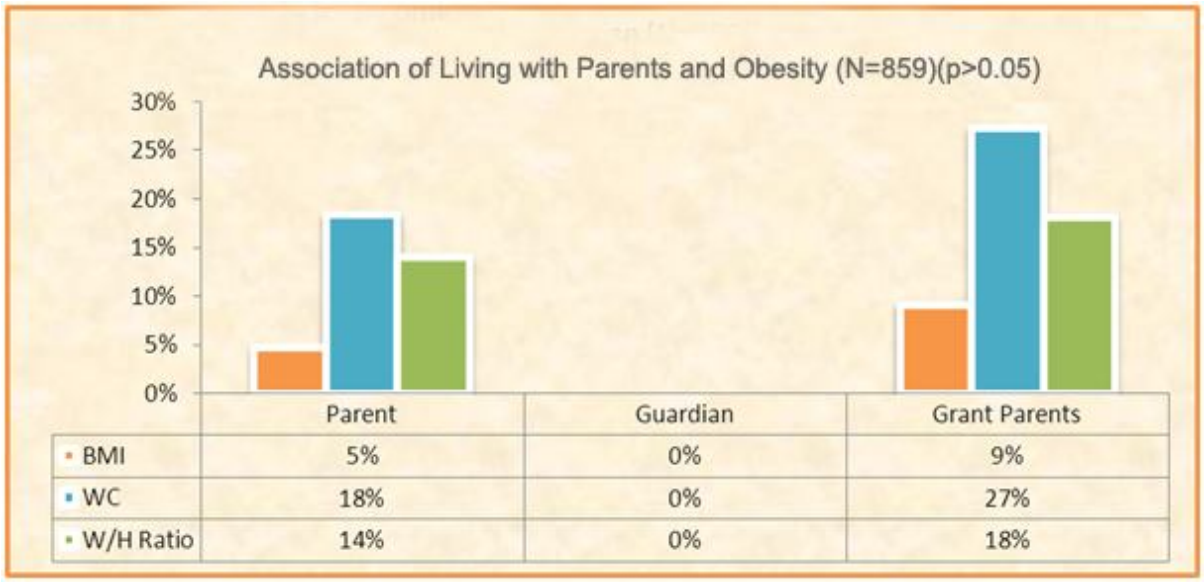
Figure : 32 Family Income



LIVING WITH PARENTS AND OBESITY

According to this study there is no increase in obese children if they are living with grand parent or guardian.

Figure : 33 Association of Living with Parents and Obesity

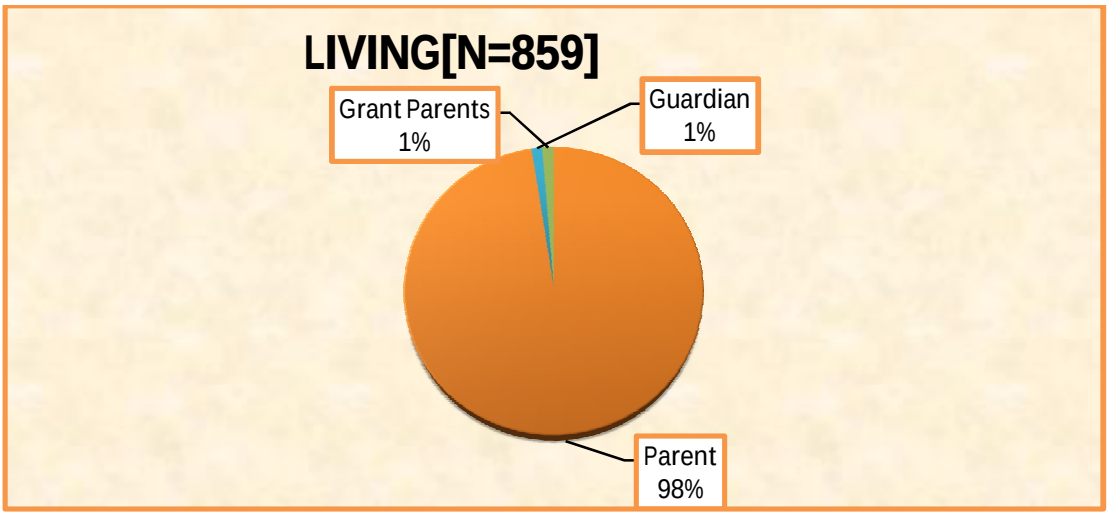


Almost 82% of the children live with their parents and only a few % with grandparents or guardians.

Table : 12 Accompany of Living with Obese in study population

Association of Accompany of Living with Obese in study population				
		OBESE		
Living	**Total**	BMI	WC	W/H Ratio
Parent	838	39	154	117
Guardian	10	0	0	0
Grant Parents	11	1	3	2

Figure : 34 Living with parent



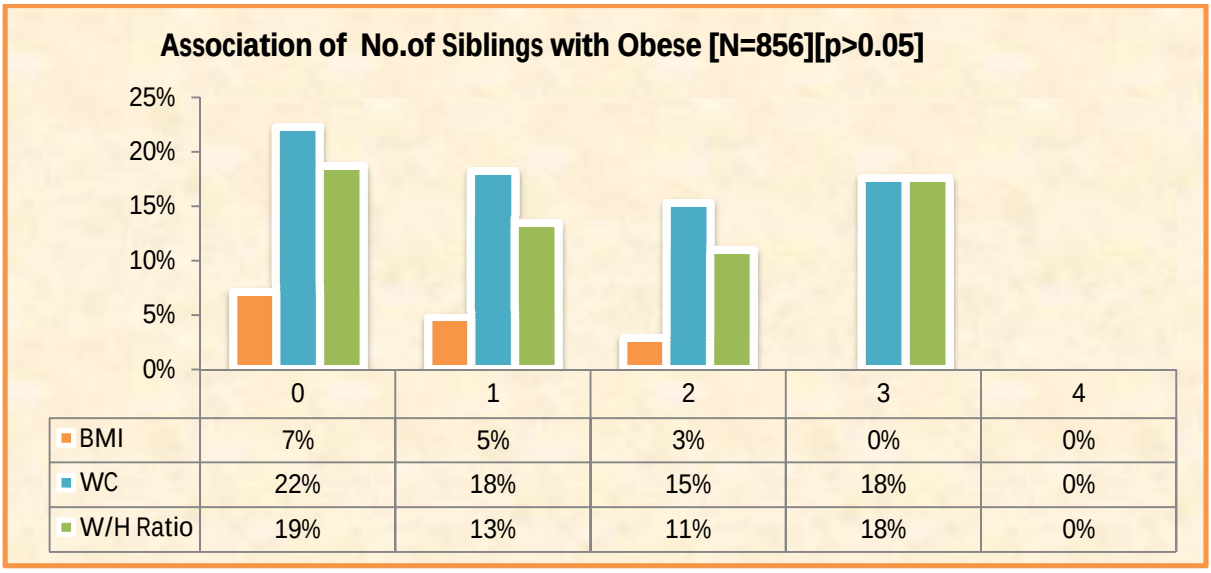
NUMBER OF SIBLINGS AND OBESITY

According to this study there is decrease in obese children if they have more than 2 siblings.

Table : 13 Association of No. of siblings with Obese in study population

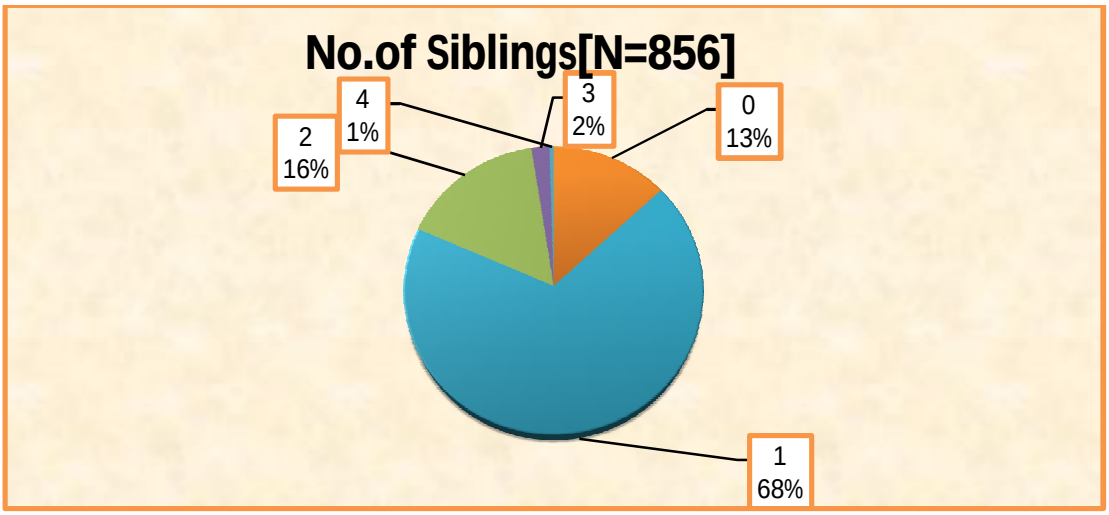
Association of No. of siblings with Obese in study population				
		OBESE		
Siblings	**Total**	BMI	WC	W/H Ratio
0	112	8	25	21
1	586	28	107	79
2	137	4	21	15
3	17	0	3	3
4	4	0	0	0

Figure : 35 Association of No. of Siblings with Obese



Majority of the children have one sibling which accounts for 68% followed by rest.

Figure : 36 Siblings with Obese



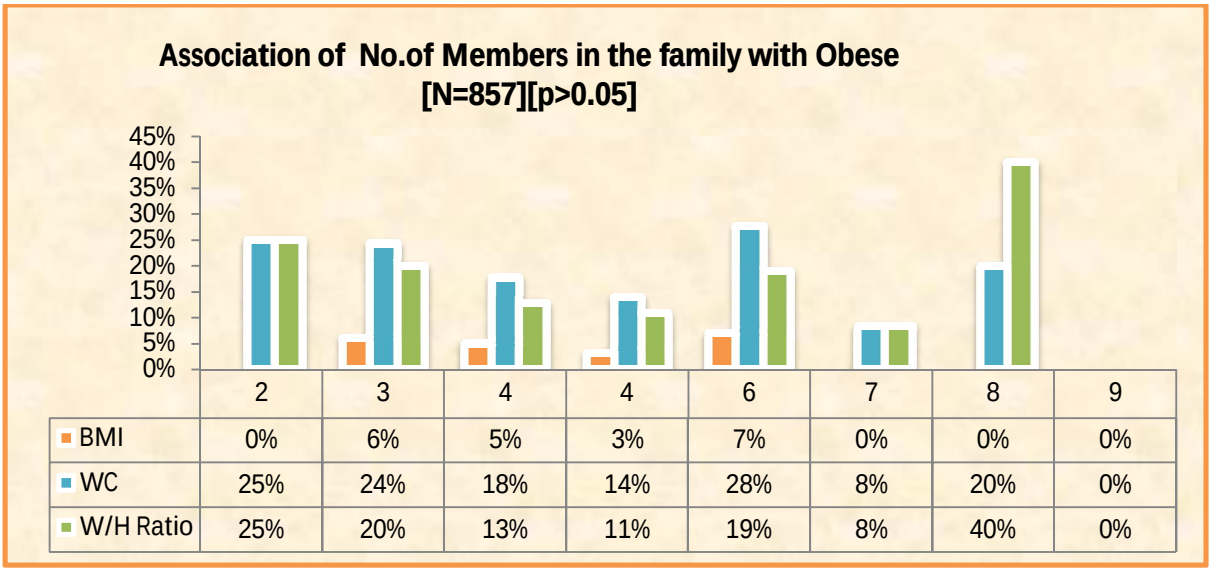
NUMBER OF FAMILY MEMBERS AND OBESITY

According to this study obese children are less if the family members are more than 6.

Table : 14 Association of No.of members in the Family with Obese in study population

Association of No.of members in the Family with Obese in study population				
		OBESE		
No.of Members	**Total**	BMI	WC	W/H Ratio
2	4	0	1	1
3	115	7	28	23
4	468	23	83	60
4	194	6	27	21
6	58	4	16	11
7	12	0	1	1
8	5	0	1	2
9	1	0	0	0

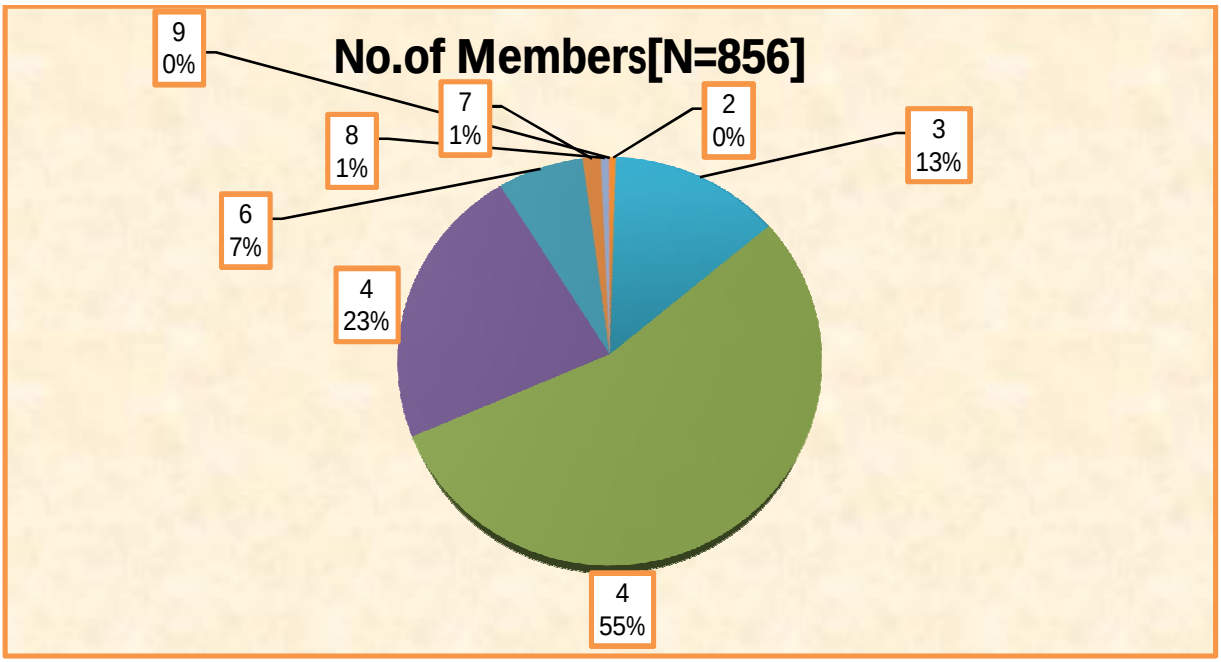
Figure : 37 Association of No. of Members in the family with Obese



	2	3	4	4	6	7	8	9
BMI	0%	6%	5%	3%	7%	0%	0%	0%
WC	25%	24%	18%	14%	28%	8%	20%	0%
W/H Ratio	25%	20%	13%	11%	19%	8%	40%	0%

Most of the children live in a family of four members, around 55% .

Figure : 38 No. of Family Members



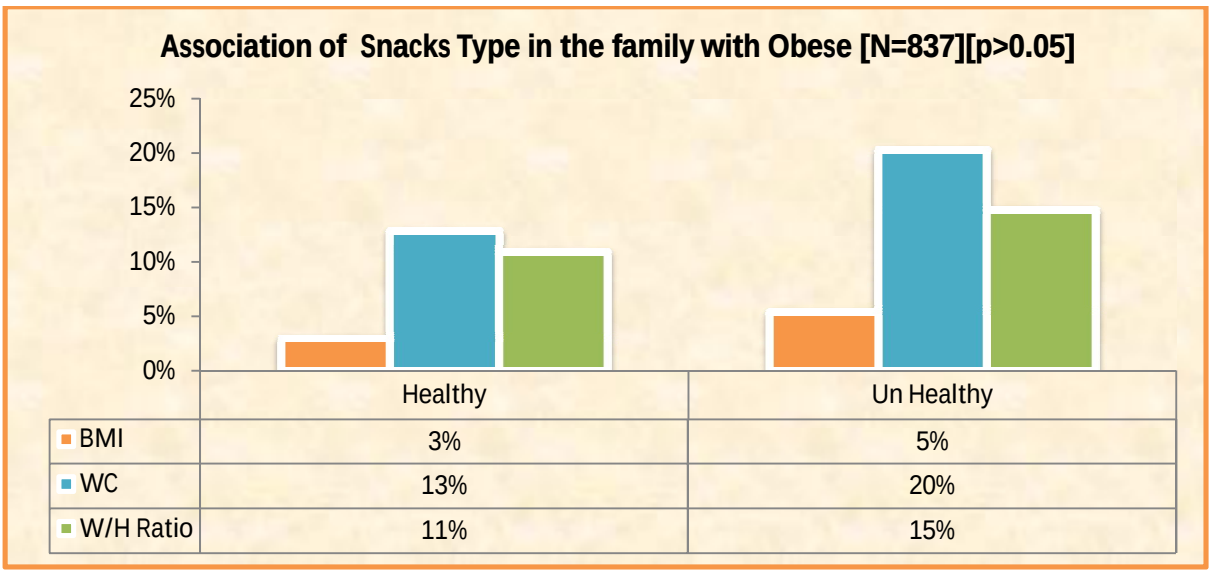
ASSOCIATION OF SNACK TYPES WITH OBESITY

According to this study, obesity is more in children who eat unhealthy snacks.

Table : 15 Association of Snacks eaten every day with Obese in study population

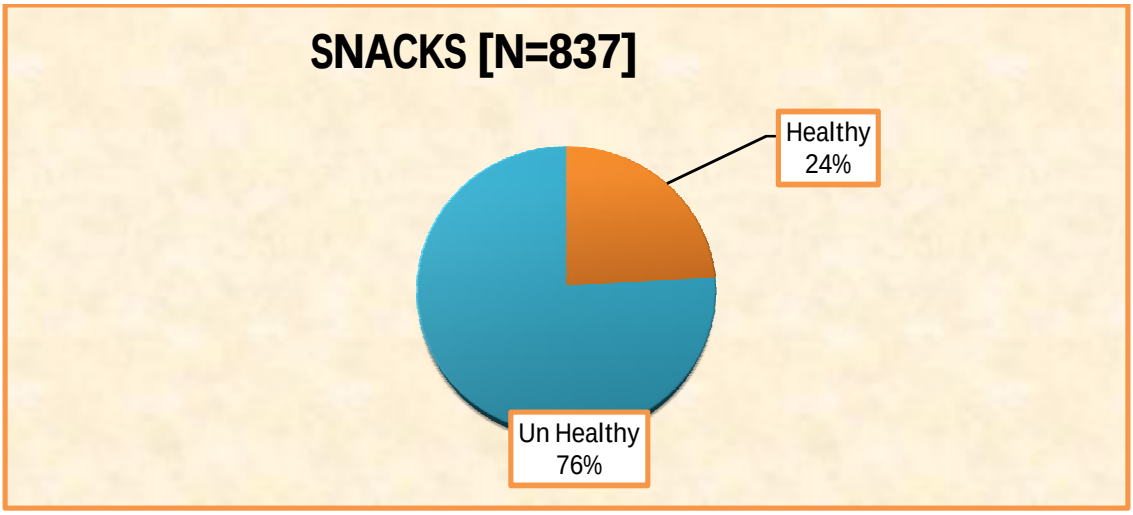
Association of Snacks eaten every day with Obese in study population				
		OBESE		
Snacks type	**Total**	BMI	WC*	W/H Ratio
Healthy	202	6	26	22
Un Healthy	635	34	129	94
* --> Significant at <0.05 level				

Figure : 39 Association of Snacks Type in the family with Obese



Almost 75% of children consume unhealthy snacks.

Figure : 40 Snacks and Obesity



NUMBER OF HOURS OF SCREEN VIEWING TIME WITH OBESITY

According to this study, the children with screen viewing time of more than 3 hours have risk of developing obesity.

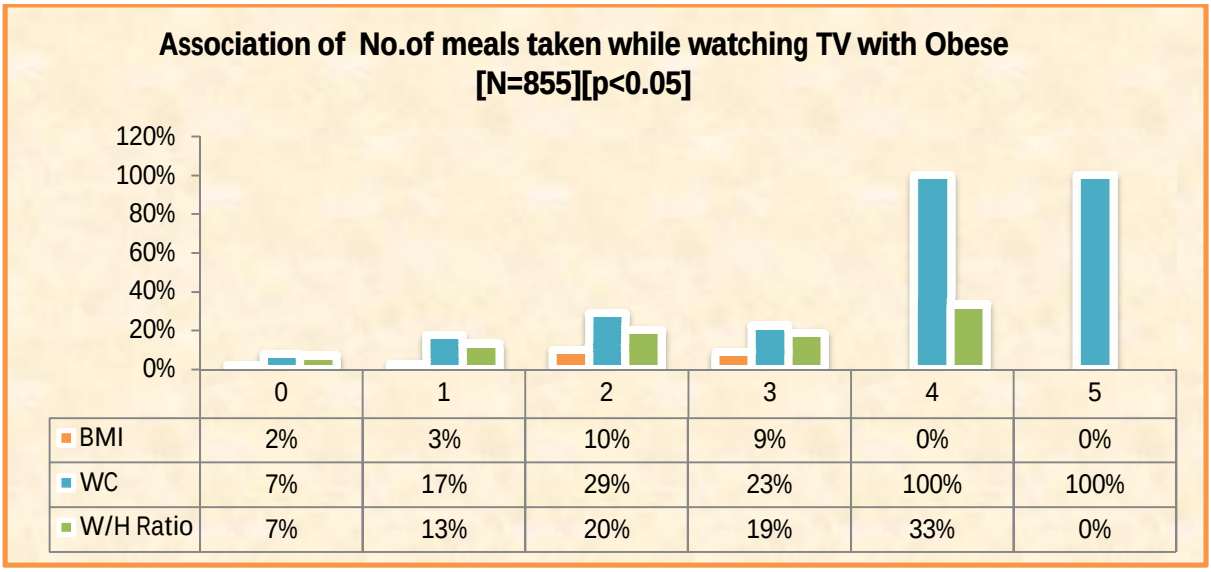
NUMBER OF MEALS TAKEN WHILE WATCHING ELECTRONIC GADGETS AND OBESITY

According to this study, obesity is found more in children who eat more than 3 meals while watching TV or using other electronic gadgets.

Table : 16 Association of No.of meals taken while watching TV with Obese in study population

Association of No.of meals taken while watching TV with Obese in study population				
		OBESE		
No.of Meals	**Total**	BMI*	WC*	W/H Ratio*
0	187	4	14	13
1	403	11	70	53
2	159	16	46	32
3	102	9	23	19
4	3	0	3	1
5	1	0	1	0
* --> Significant at <0.05 level				

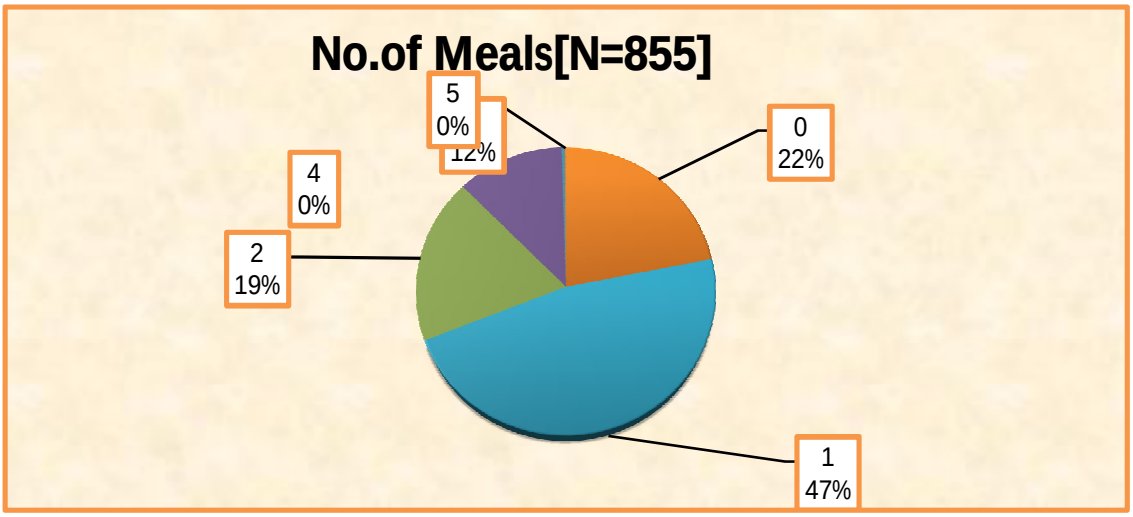
Figure : 41 Association of No.of meals taken while watching TV with Obese



	0	1	2	3	4	5
BMI	2%	3%	10%	9%	0%	0%
WC	7%	17%	29%	23%	100%	100%
W/H Ratio	7%	13%	20%	19%	33%	0%

Only 22% of children in our study eat food without watching or using other gadgets. Around 47% have one meal along with watching TV.

Figure : 42 No of Meals during screen viewing time



EXTRA CURRICULAR ACTIVITIES AND OBESITY

According to this study, obesity is more in children who play more indoor activities when compared with children who play outdoor activities.

Table : 17 Association of Extra Curricular activites with Obese in study population

Association of Extra Curricular activites with Obese in study population				
		OBESE		
Extra Curricular Activities	**Total**	BMI*	WC*	W/H Ratio*
Indoor	329	34	126	94
Outdoor	529	6	31	25
* --> Significant at <0.05 level				

Figure : 43 Association of Extra Curricular activities with Obese

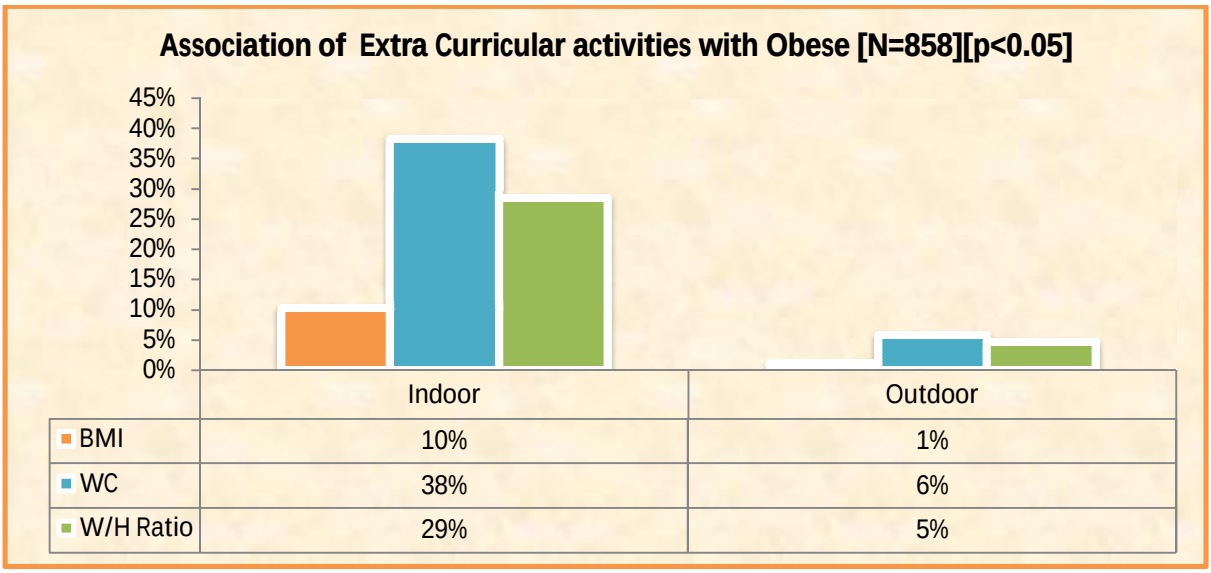
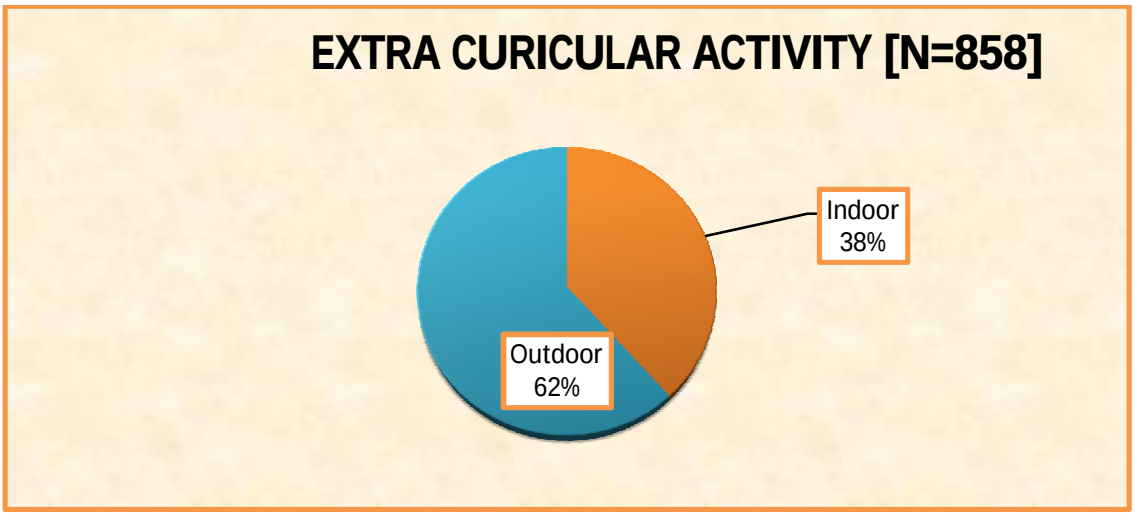


Table : 18 ODDS RATIO - Indoor Activity

ODDS RATIO - Indoor			
		BMI	10.046 [95% CI : 4.168 - 24.21]
		WC	9.971 [95% CI : 6.515 -15.259]
		W/H ratio	8.064 [95% CI : 5.053 - 12.869]

Most of the children predominantly play outdoor games only, 68%.

Figure : 44 Extra Curricular activities



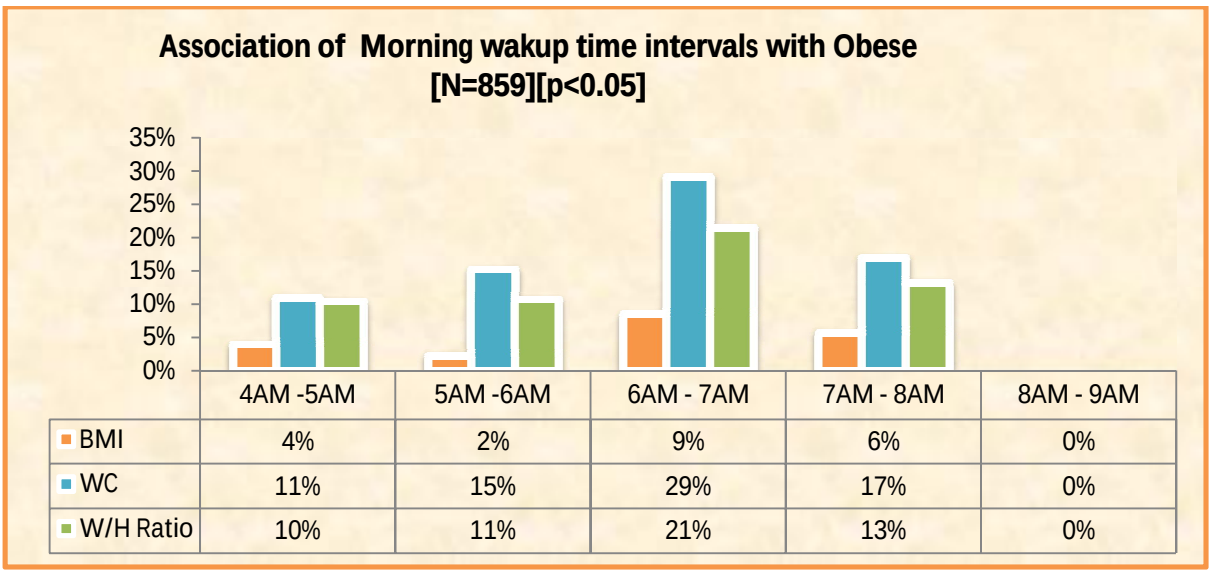
MORNING WAKING UP TIME AND OBESITY

According to this study, the risk for developing obesity is more for children who wake up after 6 am.

Table : 19 Association of Morning wakingup time Intervals with Obese in study population

Association of Morning wakingup time Intervals with Obese in study population				
		OBESE		
Time	**Total**	BMI*	WC*	W/H Ratio*
4AM -5AM	202	8	22	21
5AM -6AM	354	8	54	38
6AM - 7AM	247	21	72	53
7AM - 8AM	53	3	9	7
8AM - 9AM	3	0	0	0
* --> Significant at <0.05 level				

Figure : 45 Association of Morning wake up time intervals with Obese

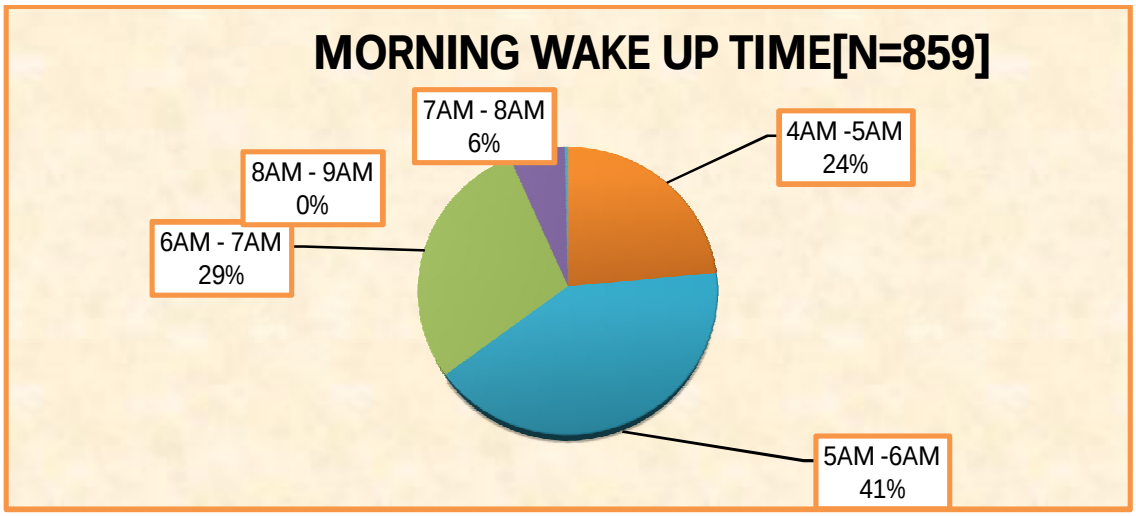


	4AM -5AM	5AM -6AM	6AM - 7AM	7AM - 8AM	8AM - 9AM
BMI	4%	2%	9%	6%	0%
WC	11%	15%	29%	17%	0%
W/H Ratio	10%	11%	21%	13%	0%

The majority of kids around 41% wake up between 5 and 6 am.

Around 53 children wake up after 7 am, and almost 20% of them are obese.

Figure : 46 Morning Wake Up Time



NIGHT SLEEPING TIME AND OBESITY

According to this study, obesity is more in children who sleep after 10 pm.

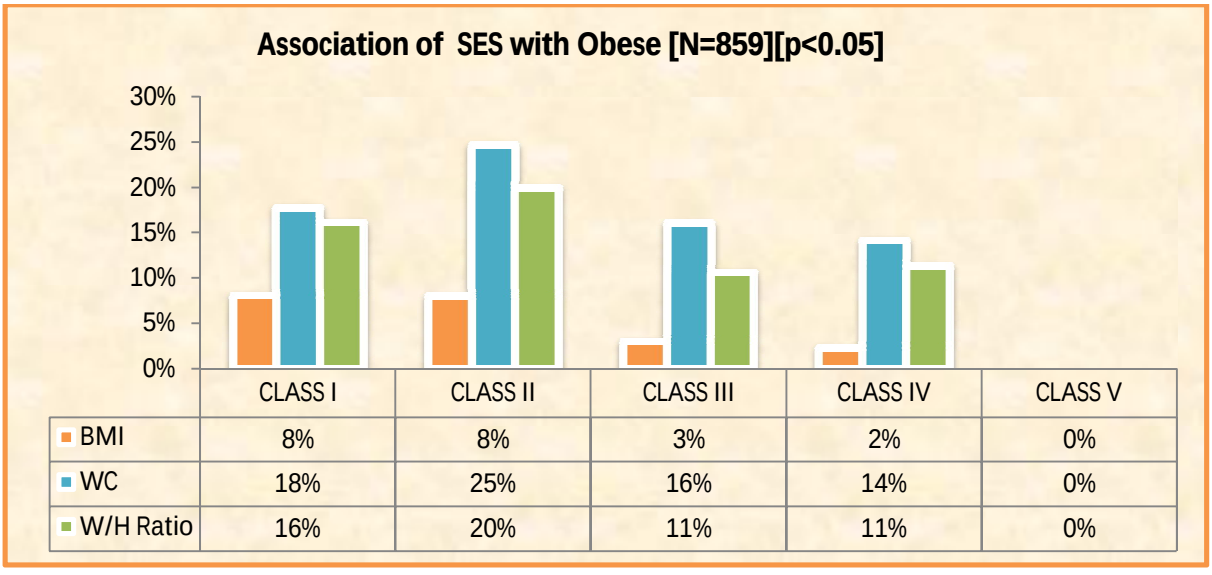
SOCIO ECONOMIC STATUS AND OBESITY

According to this study, obesity is more in class 2 followed by class 1.

Table : 20 Association of SES with Obesity

Association of SES with Obese in study population				
		OBESE		
SES	**Total**	BMI*	WC*	W/H Ratio*
CLASS I	62	5	11	10
CLASS II	251	20	62	50
CLASS III	367	11	59	39
CLASS IV	177	4	25	20
CLASS V	2	0	0	0
* --> Significant at <0.05 level				

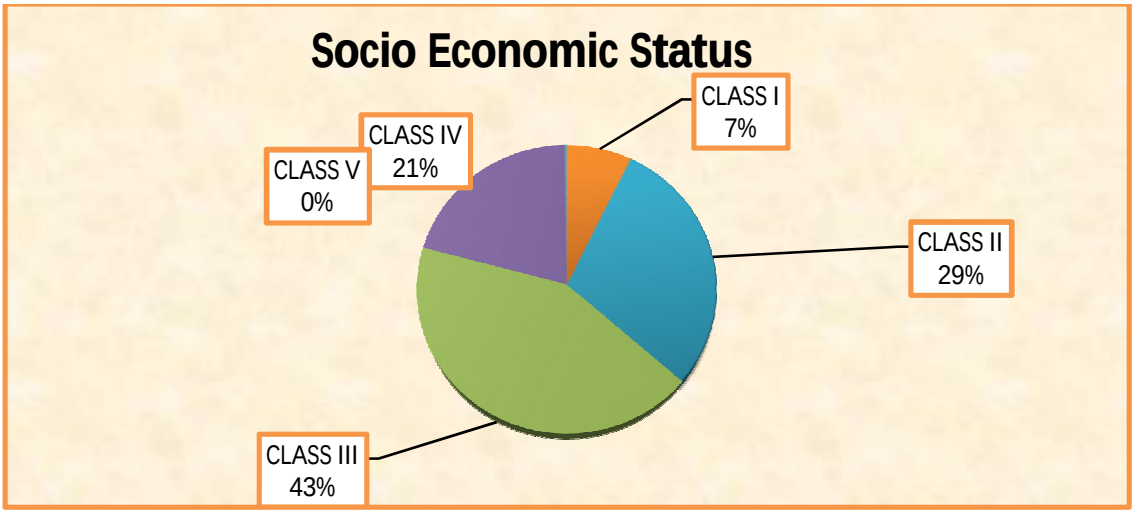
Figure : 47 Association of SES with Obese



Most of the children, 43% belong to class 3 of Modified Kuppusamy Scale.

There is no one in class 5.

Figure : 48 Socio Economic Status



The below table shows the mean of the variables with obesity for BMI

Table : 21 Mean of Clinical Variables with Obesity as per BMI

Mean of Clinical Variables with Obesity as per BMI								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	13.1	1.37	12.64	13.51	11	15	
	NO	13.0	1.43	12.89	13.09	11	15	>0.05
	Total	13.0	1.42	12.90	13.09	11	15	
Father Age	YES	43.5	3.90	42.23	44.72	35	55	
	NO	42.7	5.25	42.30	43.03	31	80	>0.05
	Total	42.7	5.19	42.35	43.05	31	80	
Mother Age	YES	38.0	4.92	36.45	39.60	30	50	
	NO	37.4	5.03	37.06	37.75	23	67	>0.05
	Total	37.4	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	3.3	1.43	2.88	3.79	0	6	
	NO	2.4	1.87	2.29	2.55	0	12	<0.01
	Total	2.5	1.86	2.34	2.59	0	12	
Night sleeping time	YES	10.1	0.88	9.82	10.38	8	12	
	NO	9.7	1.09	9.65	9.80	1	12.3	<0.05
	Total	9.7	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.3	0.88	5.99	6.55	4	8	
	NO	5.9	0.99	5.83	5.96	4	9	<0.05
	Total	5.9	0.99	5.85	5.98	4	9	
Weight	YES	57.4	11.40	53.78	61.07	35	89	
	NO	40.8	8.15	40.23	41.35	22	71	<0.001
	Total	41.6	9.03	40.96	42.17	22	89	
Height	YES	142.8	12.59	138.80	146.85	120	167	
	NO	150.1	9.58	149.39	150.71	115	177	<0.001
	Total	149.7	9.85	149.05	150.37	115	177	
BMI	YES	28.2	4.51	26.73	29.61	22.52	41.6	
	NO	18.1	2.87	17.86	18.25	11.9	26.89	<0.001
	Total	18.5	3.65	18.28	18.77	11.9	41.6	
WC	YES	77.60	4.67	76.11	79.09	70	97	
	NO	64.67	8.25	64.10	65.23	30	93	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.55	0.05	0.53	0.56	0.48	0.66	
	NO	0.43	0.05	0.43	0.43	0.2	0.65	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

The below table shows the mean of the variables with obesity for WC

Table : 22 Mean of Clinical Variables with Obesity as per WC

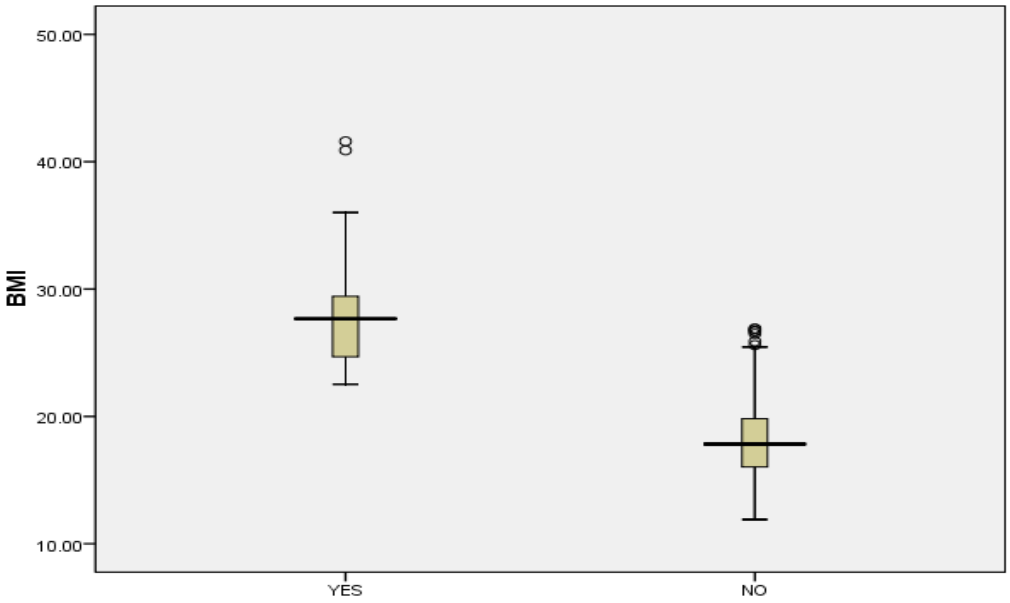
Mean of Clinical Variables with Obesity as per WC								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	12.94	1.40	12.72	13.16	11	15	
	NO	13.01	1.43	12.90	13.11	11	15	>0.05
	Total	13.00	1.42	12.90	13.09	11	15	
Father Age	YES	43.11	4.26	42.43	43.79	32	55	
	NO	42.61	5.38	42.21	43.01	31	80	>0.05
	Total	42.70	5.19	42.35	43.05	31	80	
Mother Age	YES	37.73	4.46	37.02	38.43	29	52	
	NO	37.37	5.14	36.99	37.75	23	67	>0.05
	Total	37.44	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	3.12	1.64	2.86	3.38	0	12	
	NO	2.31	1.87	2.17	2.45	0	12	<0.01
	Total	2.46	1.86	2.34	2.59	0	12	
Night sleeping time	YES	9.95	0.83	9.82	10.08	8	12	
	NO	9.70	1.13	9.62	9.78	1	12.3	<0.01
	Total	9.75	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.16	0.85	6.02	6.29	4	8	
	NO	5.86	1.01	5.78	5.93	4	9	<0.05
	Total	5.91	0.99	5.85	5.98	4	9	
Weight	YES	51.42	9.23	49.97	52.88	30	89	
	NO	39.36	7.36	38.82	39.91	22	70	<0.001
	Total	41.57	9.03	40.96	42.17	22	89	
Height	YES	149.23	11.27	147.46	151.01	115	170	
	NO	149.82	9.51	149.12	150.53	120	177	>0.05
	Total	149.71	9.85	149.05	150.37	115	177	
BMI	YES	23.22	4.21	22.55	23.88	13.16	41.6	
	NO	17.48	2.52	17.29	17.66	11.9	28.4	<0.001
	Total	18.53	3.65	18.28	18.77	11.9	41.6	
WC	YES	77.23	5.11	76.43	78.04	67	97	
	NO	62.59	6.69	62.10	63.09	30	92	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.52	0.05	0.51	0.53	0.45	0.66	
	NO	0.42	0.04	0.42	0.42	0.2	0.59	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

The below table shows the mean of the variables with obesity for WHR

Table : 23 Mean of Clinical variables with Obesity as per WHR

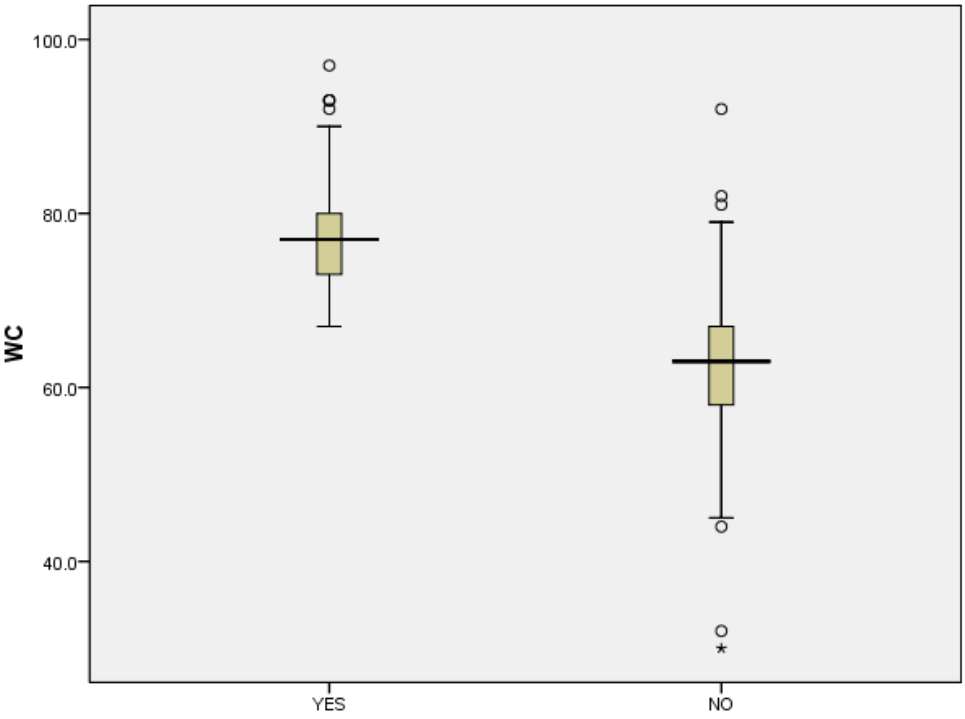
Mean of Clinical Variables with Obesity as per W/H ratio								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	13.22	1.34	12.98	13.46	11	15	
	NO	12.96	1.43	12.86	13.06	11	15	>0.05
	Total	13.00	1.42	12.90	13.09	11	15	
Father Age	YES	43.42	4.28	42.63	44.21	32	55	
	NO	42.59	5.32	42.20	42.98	31	80	>0.05
	Total	42.70	5.19	42.35	43.05	31	80	
Mother Age	YES	37.76	4.60	36.93	38.60	29	52	
	NO	37.38	5.09	37.01	37.75	23	67	>0.05
	Total	37.44	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	2.99	1.50	2.72	3.26	0	9	
	NO	2.38	1.90	2.24	2.51	0	12	<0.01
	Total	2.46	1.86	2.34	2.59	0	12	
Night sleeping time	YES	9.87	0.84	9.72	10.02	8	12	
	NO	9.73	1.12	9.65	9.81	1	12.3	>0.05
	Total	9.75	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.09	0.88	5.93	6.25	4	8	
	NO	5.88	1.00	5.81	5.96	4	9	<0.05
	Total	5.91	0.99	5.85	5.98	4	9	
Weight	YES	52.00	10.35	50.12	53.88	30	89	
	NO	39.89	7.56	39.34	40.43	22	70	<0.001
	Total	41.57	9.03	40.96	42.17	22	89	
Height	YES	146.05	11.91	143.89	148.22	115	169	
	NO	150.30	9.35	149.63	150.98	120	177	<0.001
	Total	149.71	9.85	149.05	150.37	115	177	
BMI	YES	24.39	4.13	23.64	25.14	13.16	41.6	
	NO	17.58	2.51	17.40	17.76	11.9	28.4	<0.001
	Total	18.53	3.65	18.28	18.77	11.9	41.6	
WC	YES	78.11	5.47	77.11	79.10	60	97	
	NO	63.20	7.04	62.69	63.71	30	92	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.54	0.04	0.53	0.54	0.45	0.66	
	NO	0.42	0.04	0.42	0.42	0.2	0.59	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

Figure : 49 Obesity as per BMI



The below table shows the mean of the variables with obesity for WC.

Figure : 50 Obesity as per WC



The below table shows the mean of the variables with obesity for WHR.

Figure : 51 Obesity as per W/H ratio

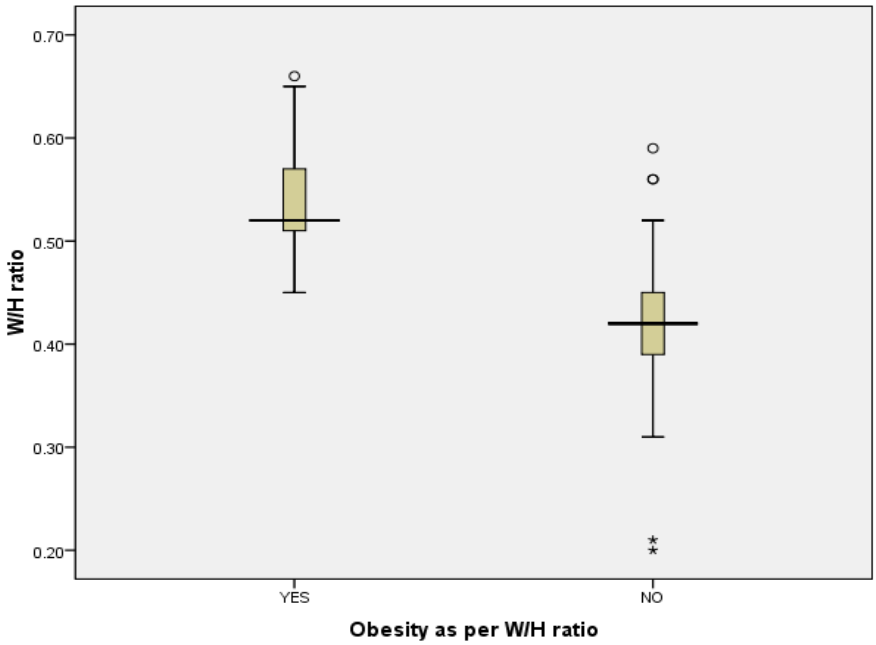


Figure : 52 ROC CURVE

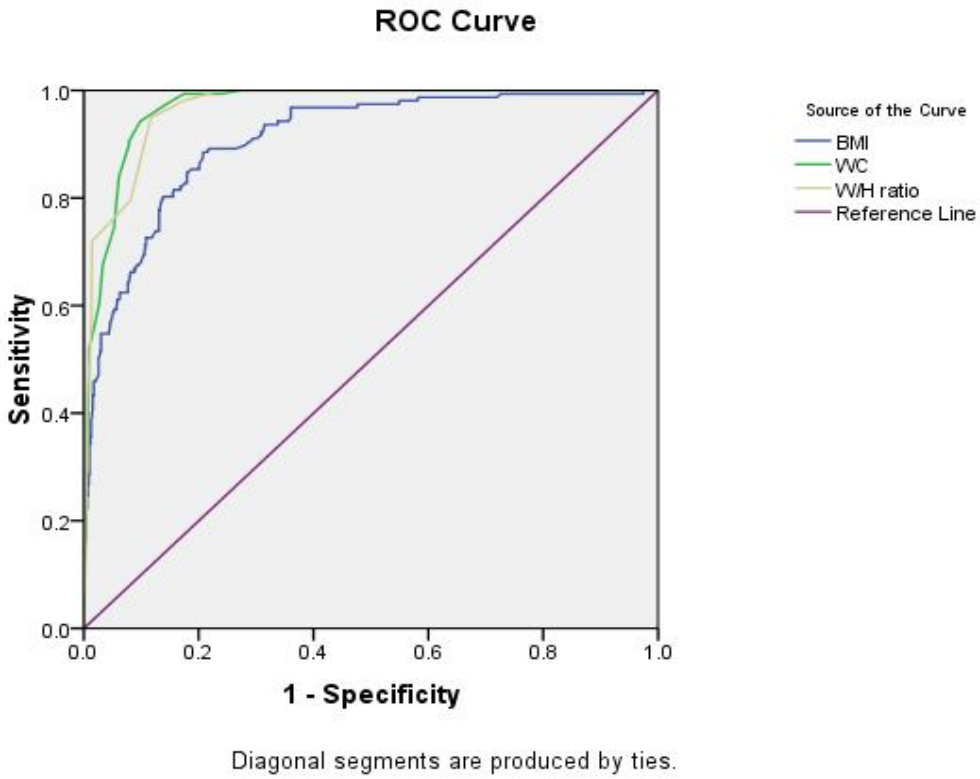


TABLE : 24 Area under the Curve

Area Under the Curve					
Test Result Variable(s)	Area	Std. Error[a]	Asymptotic Sig.[b]	Asymptotic 95% Confidence Interval	
				Lower Bound	Upper Bound
BMI	0.909	0.013	0.000	0.884	0.934
WC	0.969	0.005	0.000	0.959	0.979
W/H ratio	0.968	0.005	0.000	0.957	0.978
The test result variable(s): BMI, WC, W/H ratio has at least one tie between the positive actual state group and the negative actual state group. Statistics may be biased.					
a. Under the nonparametric assumption					
b. Null hypothesis: true area = 0.5					

The above diagram shows the ROC curve and the sensitivity of the three indices.

STATISTICAL ANALYSIS

Statistical Analysis:

The data are reported as the mean +/- SD or the median, depending on their distribution. The differences in quantitative variables between groups were assessed by means of the unpaired t test. Comparison between groups was made by the Non parametric Mann - Whitney test ANOVA was used to assess the quantitative variables. A Chi Square test was used to assess differences in categoric variables between groups. ROC curve and Odds ratio were performed.

A p value of <0.05 using a two-tailed test was taken as being of significance for all statistical tests. All data were analysed with a statistical software package .(SPSS, version 16.0 for windows)

DISCUSSION

The principal outcome of the study was to estimate the prevalence of obesity in 11 to 15 year old school children using BMI, WC and WHR. When compared with other studies which were done in urban schools the prevalence is within the range of 1-13% and when WC is used the prevalence is 18%, which is slightly higher.

Much studies have not been conducted using all three parameters for estimation of obesity and hence in this study we could estimate that by using WC for estimating obesity, then the prevalence increases by 13.6% and by using WHR the estimation of obesity increases by 9.2% and by using combined WC and WHR the estimation of obesity increases by 11.4% than BMI which only estimates 5% of obesity. Thus if only a single factor such as BMI is used obesity may be underdiagnosed.

Obesity, in this study, is also more in private schools when compared with government schools similar to other studies and more in females which is also similar in other studies.

Various risk factors like number of hours of screen viewing time, number of meals consumed during that time, more indoor activities and late night sleep which are statistically significant and which increase the risk of obesity has been studied.

Other details like the educational status of parents, their profession, family income and the socio-economic status have been studied.

Details like family size and the number of siblings have been studied. Though not all the variables are statistically significant the risk of not becoming obese with increased family members and more siblings has been studied.

SUMMARY

- Total no of children included in the study-860 170 children were included in each group from 11-15 years.
- Number of males -340 and the number of females-520
- The total number of children from private school-460 and the number of children from government school -400
- From this study, the prevalence is according to BMI - 5% are obese, WC - 18% are obese, WHR - 14% are obese.

  The effect size - by WC more than BMI in estimating obesity is 14% .

- Obesity is more in children between 12-14 yrs than 11 1nd 15 yrs.
- Obesity is more in females in all age groups.
- Obese children are more in class 8 followed by class 7 and 9.
- Obesity is more in private schools when compared to government schools.
- Obese children are more for both father and mother who are semi skilled and those who are business men and agriculturists.
- Obese children are more in families who earn between Rs.12,000 and Rs.32,000.
- Children with screen viewing time of more than 3 hours are obese.
- Obesity is found more in children who eat more than 3 meals while

watching TV or using other electronic gadgets.

- Obesity is more in children who are involved in indoor activities.
- Obesity is more for children who wake up after 6 am.
- Obesity is more in children who sleep after 10 pm.
- Obesity is more in SES class 2 followed by class 1.

CONCLUSION

- Obesity is becoming a public health problem in our country.
- The overall prevalence of obesity in our study is within the same range as compared to other studies.

  If obesity is estimated using only BMI, obesity may be underdiagnosed.
- Major factors which influence the prevalence of obesity are increased number of hours of screen viewing time, number of meals consumed during that time, more indoor activities and late night sleep.

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DATE OF ASSESSMENT :

1. NAME: 2. AGE: 3. SEX: MALE / FEMALE

4. D.O.B: 5. STANDARD:

6. NAME OF SCHOOL:

7. FATHER'S NAME: 8. AGE: 9. EDU. QUAL: 10. OCCUPATION:

11. MOTHER'S NAME: 12. AGE: 13. EDU. QUAL: 14. OCCUPATION:

15. MONTHLY INCOME OF FAMILY :

16. LIVING WITH : PARENT / GRAND PARENT / GUARDIAN

17. NO OF SIBLINGS : BROTHER: SISTER:

18. NO OF MEMBERS IN FAMILY :

19. SNACKS EATEN EVERY DAY :

20. NO OF HOURS WATCHING TV :

21. NO OF MEALS TAKEN WATCHING TV :

22. EXTRA CURRICULAR ACTIVITIES : INDOOR / OUTDOOR DAYS / WEEK:

23. NIGHT SLEEPING TIME : 5 DAYS / WEEK:

24. MORNING WAKING TIME : 5 DAYS / WEEK:

25. ANY DOCUMENTED MEDICAL ILLNESS IN SCHOOLHEALTH RECORD :

IF YES :

26. ANY OBVIOUS EXTERNAL ANOMALY :

27. SOCIOECONOMICS STATUS :

28. WEIGHT IN KG :

29. HEIGHT IN CM :

30. WAIST CIRCUMFERENCE IN CM :

31. BMI :

32. WAIST HEIGHT RATIO :

33. OBESITY AS PER BMI:

34. OBESITY AS PER WAIST CIRCUMFERENCE :

35. OBESITY AS PER WAIST HEIGHT RATIO :

xggpj;gotk;

gs;spbgah; :

Kfthp :

muRnfhitkUj;Jtf;fy;Yhhpapy;bghJkUj;Jt Jiwapy;glhl;nkwgoggpaYk;khztp **M.mUe;jjp**mth;fs;nkwpbfhs;Sk;"**nfhitkhtl;ljjpy;11-15taJcss;sgs;spbry;Yk;FHe;ijfspd;cly;gUkidMuha;jy;**" gwwpa Ma;tpy; bra;Kiw kwWk; midj;Jtpsf;f';fisak;nfl;Lf;bfhz;L vdJ ren;jf';fis bjhptpgLj;jpf;bfhz;nld;vdgij bjhptpj;Jf;bfhs;fpnwd;

ehd;,e;j Ma;tpy;,e;j gs;spFHe;ijfis fye;Jbfhs;s KGrkak;jj;JlDk;/Rarpe;jidapDk; rkak;jpf;fpnwd;

,e;j Ma;tpy; gs;spFHe;ijfs; gwwpa midj;Jtpgu';fs; ghJfhf;fg;gLtJld; ,jd; Kot[fs; Ma;tpjHpy; btspapLggLtjpy; Mlnrgiz ,y;iy vdgij bjhptpj;Jf;bfhs;fpnwd;ve;j neuj;jpYk;,e;j Ma;tpy; ,Ue;J ehd; tpyfpf;bfhs;s vdfF chpik czL vdgijak;mwpntd;

,lk;

njjp

ANNEXURE - 2

REVISED TABLE FOR SCALES IN 2012 TO DEFINE SOCIOECONOMIC STATUS

(A) Education Score		
1	Profession or Honours	*7*
2	Graduate or post graduate	*6*
3	Intermediate or post high school diploma	*5*
4	High school certificate	*4*
5	Middle school certificate	*3*
6	Primary school certificate	*2*
7	Illiterate	*1*

(B) Occupation Score		
1	Profession	*10*
2	Semi-Profession	*6*
3	Clerical, Shop-owner, Farmer	*5*
4	Skilled worker	*4*
5	Semi-skilled worker	*3*
6	Unskilled worker	*2*
7	Unemployed	*1*

(C) Monthly family income in Rs		*Score*	*Modified for 1998* [3] *in* Rs	Modified for 2012 in Rs
1	≥ 2000	*12*	≥ 13500	≥32050
2	1000-1999	*10*	6750 - 13499	*16020 – 32049*
3	750-999	*6*	5050 - 6749	*12020 – 16019*
4	500-749	*4*	3375 - 5049	*8010 – 12019*
5	300-499	*3*	2025 - 3374	*4810 – 8009*
6	101-299	*2*	676 - 2024	*1601 – 4809*
7	≤ 100	*1*	≤ 675	*≤ 1600*

Total Score	Socioeconomic class
26-29	Upper (I)
16-25	Upper Middle (II)
11-15	Middle/Lower middle (III)
5-10	Lower/Upper lower (IV)
<5	Lower (V)

ANNEXURE - 3

HEIGHT(cm) CENTILES AND STANDARD DEVIATION FOR BOYS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	99.0	102.3	105.6	108.9	112.4	115.9	119.4	5.7
5.5	101.6	105.0	108.4	111.9	115.4	119.0	122.7	5.3
6.0	104.2	107.7	111.2	114.8	118.5	122.2	126.0	5.6
6.5	106.8	110.4	114.0	117.8	121.6	125.4	129.3	5.5
7.0	109.3	113.0	116.8	120.7	124.6	128.6	132.6	5.9
7.5	111.8	115.7	119.6	123.5	127.6	131.7	135.9	5.7
8.0	114.3	118.2	122.3	126.4	130.5	134.8	139.1	6.3
8.5	116.7	120.8	124.9	129.1	133.4	137.8	142.2	6.1
9.0	119.0	123.2	127.5	131.8	136.3	140.7	145.3	6.4
9.5	121.3	125.6	130.0	134.5	139.1	143.7	148.3	6.4
10.0	123.6	128.1	132.6	137.2	141.9	146.6	151.4	6.8
10.5	125.9	130.5	135.2	139.9	144.7	149.5	154.4	6.5
11.0	128.2	133.0	137.8	142.7	147.6	152.5	157.5	7.6
11.5	130.7	135.6	140.6	145.5	150.5	155.6	160.6	7.3
12.0	133.2	138.3	143.3	148.4	153.5	158.6	163.7	8.1
12.5	135.7	141.0	146.2	151.4	156.5	161.7	166.8	7.9
13.0	138.3	143.7	149.0	154.3	159.5	164.7	169.9	9.0
13.5	140.9	146.4	151.8	157.2	162.4	167.6	172.7	8.4
14.0	143.4	149.0	154.5	159.9	165.1	170.3	175.4	9.0
14.5	145.8	151.5	157.0	162.3	167.6	172.7	177.7	7.8
15.0	148.0	153.7	159.2	164.5	169.7	174.8	179.7	7.9
15.5	150.0	155.7	161.2	166.5	171.6	176.5	181.4	6.6
16.0	151.8	157.4	162.9	168.1	173.1	178.0	182.7	7.2
16.5	153.4	159.1	164.5	169.6	174.5	179.3	183.8	6.7
17.0	155.0	160.6	165.9	171.0	175.8	180.4	184.8	6.9
17.5	156.6	162.1	167.3	172.3	177.0	181.5	185.8	6.1
18.0	158.1	163.6	168.7	173.6	178.2	182.5	186.7	6.9

ANNEXURE - 4

HEIGHT(cm) CENTILES AND STANDARD DEVIATION FOR GIRLS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	97.2	100.5	103.9	107.5	111.3	115.2	119.3	5.4
5.5	99.8	103.2	106.8	110.5	114.4	118.3	122.5	5.7
6.0	102.3	106.0	109.7	113.5	117.4	121.5	125.6	5.8
6.5	104.9	108.7	112.5	116.5	120.5	124.6	128.7	5.5
7.0	107.4	111.4	115.4	119.4	123.5	127.7	131.9	6.1
7.5	110.0	114.1	118.2	122.4	126.6	130.8	135.0	6.0
8.0	112.6	116.8	121.1	125.4	129.6	133.9	138.1	6.2
8.5	115.2	119.6	124.0	128.4	132.7	137.0	141.3	6.8
9.0	117.8	122.4	126.9	131.4	135.8	140.2	144.5	6.9
9.5	120.5	125.2	129.9	134.4	138.9	143.3	147.6	6.6
10.0	123.3	128.1	132.8	137.4	142.0	146.4	150.8	7.8
10.5	126.1	130.9	135.7	140.4	145.0	149.5	153.9	7.3
11.0	128.8	133.7	138.6	143.3	147.9	152.4	156.8	7.9
11.5	131.5	136.4	141.2	145.9	150.6	155.1	159.6	7.1
12.0	134.0	138.9	143.7	148.4	153.0	157.5	162.0	7.0
12.5	136.3	141.1	145.8	150.5	155.1	159.6	164.1	6.7
13.0	138.2	142.9	147.6	152.2	156.8	161.3	165.9	6.9
13.5	139.9	144.5	149.1	153.6	158.2	162.7	167.2	6.0
14.0	141.3	145.8	150.2	154.7	159.2	163.7	168.2	6.6
14.5	142.4	146.8	151.1	155.5	160.0	164.5	169.0	5.9
15.0	143.3	147.5	151.8	156.1	160.5	165.0	169.5	6.6
15.5	144.1	148.1	152.3	156.6	160.9	165.3	169.8	5.9
16.0	144.7	148.6	152.7	156.9	161.2	165.6	170.1	6.1
16.5	145.2	149.1	153.1	157.2	161.4	165.7	170.2	6.4
17.0	145.7	149.5	153.4	157.4	161.6	165.9	170.4	6.5
17.5	146.2	149.8	153.6	157.6	161.7	166.0	170.5	6.7
18.0	146.6	150.2	153.9	157.8	161.9	166.1	170.6	6.6

ANNEXURE - 5

WEIGHT(Kg) CENTILES AND STANDARD DEVIATION FOR BOYS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	13.2	14.3	15.6	17.1	19.0	21.3	24.2	3.2
5.5	13.8	15.0	16.5	18.2	20.3	22.9	26.1	2.9
6.0	14.5	15.8	17.4	19.3	21.7	24.6	28.3	3.6
6.5	15.3	16.8	18.6	20.7	23.3	26.6	30.8	3.8
7.0	16.0	17.6	19.6	21.9	24.9	28.6	33.4	4.2
7.5	16.7	18.5	20.7	23.3	26.6	30.8	36.2	4.9
8.0	17.5	19.5	21.9	24.8	28.5	33.2	39.4	5.7
8.5	18.3	20.5	23.2	26.4	30.5	35.7	42.6	6.5
9.0	19.1	21.5	24.3	27.9	32.3	38.0	45.5	6.3
9.5	19.9	22.4	25.6	29.4	34.3	40.5	48.6	7.0
10.0	20.7	23.5	26.9	31.1	36.3	43.0	51.8	7.9
10.5	21.6	24.6	28.3	32.8	38.5	45.8	55.2	8.3
11.0	22.6	25.9	29.8	34.7	40.9	48.7	58.7	8.9
11.5	23.8	27.3	31.6	36.9	43.5	51.8	62.5	9.3
12.0	24.9	28.7	33.3	39.0	46.0	54.8	66.1	10.0
12.5	26.1	30.2	35.1	41.2	48.6	57.8	69.5	10.6
13.0	27.5	31.8	37.0	43.3	51.1	60.7	72.6	11.3
13.5	29.0	33.6	39.1	45.7	53.8	63.6	75.6	11.4
14.0	30.7	35.5	41.3	48.2	56.4	66.3	78.3	12.1
14.5	32.6	37.7	43.7	50.8	59.1	69.1	80.9	11.6
15.0	34.5	39.8	45.9	53.1	61.6	71.5	83.1	12.1
15.5	36.1	41.6	47.9	55.2	63.6	73.4	84.7	11.2
16.0	37.5	43.1	49.5	56.8	65.2	74.8	85.8	12.2
16.5	38.7	44.4	50.9	58.2	66.6	76.1	86.8	12.6
17.0	39.8	45.6	52.1	59.5	67.8	77.1	87.5	12.3
17.5	40.8	46.7	53.2	60.6	68.7	77.8	88.0	12.3
18.0	41.8	47.7	54.3	61.6	69.7	78.6	88.4	11.3

ANNEXURE - 6

WEIGHT(Kg) CENTILES AND

STANDARD DEVIATION FOR GIRLS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	12.3	13.4	14.8	16.4	18.5	21.3	25.0	2.5
5.5	13.0	14.3	15.7	17.6	19.9	22.9	27.0	3.5
6.0	13.7	15.1	16.7	18.7	21.3	24.6	29.1	3.4
6.5	14.4	15.9	17.7	19.9	22.7	26.3	31.2	4.1
7.0	15.1	16.8	18.7	21.2	24.2	28.2	33.4	4.4
7.5	15.9	17.7	19.9	22.5	25.9	30.1	35.7	4.8
8.0	16.7	18.7	21.1	24.0	27.6	32.2	38.1	5.2
8.5	17.5	19.7	22.3	25.5	29.5	34.4	40.7	6.4
9.0	18.5	20.9	23.7	27.2	31.5	36.7	43.4	6.4
9.5	19.5	22.1	25.3	29.0	33.6	39.3	46.3	6.9
10.0	20.7	23.5	26.9	31.0	36.0	42.0	49.4	7.7
10.5	22.0	25.1	28.8	33.2	38.4	44.8	52.6	8.3
11.0	23.3	26.7	30.7	35.4	41.0	47.7	55.9	8.5
11.5	24.8	28.4	32.6	37.6	43.6	50.6	59.1	9.1
12.0	26.2	30.0	34.5	39.8	46.0	53.4	62.1	9.0
12.5	27.6	31.6	36.3	41.8	48.2	55.8	64.8	9.7
13.0	28.9	33.1	37.9	43.6	50.2	57.9	67.1	9.4
13.5	30.2	34.4	39.4	45.1	51.8	59.7	69.0	9.8
14.0	31.3	35.6	40.6	46.4	53.2	61.1	70.4	9.6
14.5	32.3	36.6	41.7	47.5	54.3	62.2	71.4	9.4
15.0	33.1	37.5	42.5	48.4	55.1	62.9	72.1	9.6
15.5	34.0	38.3	43.3	49.1	55.8	63.5	72.5	8.7
16.0	34.7	39.1	44.0	49.7	56.3	64.0	72.8	8.7
16.5	35.5	39.8	44.7	50.3	56.9	64.4	73.1	9.2
17.0	36.2	40.5	45.3	50.9	57.3	64.7	73.3	8.8
17.5	36.9	41.1	46.0	51.5	57.8	65.0	73.4	9.5
18.0	37.6	41.8	46.6	52.0	58.2	65.3	73.5	10.2

ANNEXURE- 7

BODY MASS INDEX PERCENTILE AND STANDARD DEVIATION FOR BOYS

Age	*3*	*5*	*10*	*25*	*50*	*23 Eq(71)*	*27 Eq(90)*	*SD*
5.0	12.1	12.4	12.8	13.6	14.7	15.7	17.5	1.6
5.5	12.2	12.4	12.9	13.7	14.8	15.8	17.6	1.5
6.0	12.2	12.5	12.9	13.7	14.9	16.0	17.8	1.8
6.5	12.3	12.5	13.0	13.8	15.0	16.1	18.0	1.8
7.0	12.3	12.6	13.1	13.9	15.1	16.3	18.2	1.9
7.5	12.4	12.7	13.2	14.1	15.3	16.5	18.5	2.2
8.0	12.5	12.8	13.3	14.2	15.5	16.7	18.8	2.5
8.5	12.6	12.9	13.4	14.4	15.7	17.0	19.2	2.8
9.0	12.7	13.0	13.5	14.5	15.9	17.3	19.6	2.6
9.5	12.8	13.1	13.7	14.7	16.2	17.6	20.1	2.8
10.0	12.9	13.2	13.8	14.9	16.4	18.0	20.5	3.1
10.5	13.0	13.3	14.0	15.1	16.7	18.3	21.0	3.2
11.0	13.1	13.5	14.1	15.4	17.0	18.7	21.5	3.2
11.5	13.2	13.6	14.3	15.6	17.3	19.1	22.1	3.3
12.0	13.3	13.8	14.5	15.8	17.7	19.5	22.6	3.4
12.5	13.5	13.9	14.6	16.0	17.9	19.8	23.0	3.6
13.0	13.6	14.0	14.8	16.3	18.2	20.2	23.4	3.5
13.5	13.7	14.2	14.9	16.5	18.5	20.5	23.8	3.7
14.0	13.8	14.3	15.1	16.7	18.7	20.8	24.2	3.7
14.5	14.0	14.5	15.3	16.9	19.0	21.1	24.5	3.5
15.0	14.2	14.7	15.5	17.2	19.3	21.4	24.9	3.7
15.5	14.4	14.9	15.8	17.4	19.6	21.7	25.2	3.4
16.0	14.6	15.1	16.0	17.7	19.9	22.0	25.5	3.7
16.5	14.9	15.4	16.3	18.0	20.2	22.4	25.8	3.8
17.0	15.1	15.6	16.6	18.3	20.5	22.6	26.0	3.8
17.5	15.4	15.9	16.8	18.6	20.8	22.9	26.3	3.6
18.0	15.6	16.2	17.1	18.9	21.1	23.2	26.6	3.2

ANNEXURE - 8

BODY MASS INDEX PERCENTILE AND STANDARD DEVIATION FOR GIRLS

Age	*3*	*5*	*10*	*25*	*50*	*23 Eq(75)*	*27 Eq(95)*	*SD*
5.0	11.9	12.1	12.5	13.3	14.3	15.5	18.0	1.4
5.5	11.9	12.2	12.6	13.4	14.4	15.7	18.3	1.7
6.0	12.0	12.2	12.7	13.5	14.5	15.9	18.6	1.7
6.5	12.1	12.3	12.8	13.6	14.7	16.1	18.9	2.0
7.0	12.1	12.4	12.8	13.7	14.9	16.4	19.3	2.1
7.5	12.2	12.5	12.9	13.9	15.1	16.6	19.7	2.2
8.0	12.3	12.6	13.1	14.0	15.3	16.9	20.1	2.3
8.5	12.3	12.7	13.2	14.2	15.6	17.2	20.5	2.7
9.0	12.4	12.8	13.3	14.4	15.8	17.6	21.0	2.7
9.5	12.5	12.9	13.5	14.6	16.1	18.0	21.4	2.8
10.0	12.7	13.1	13.7	14.9	16.5	18.4	21.9	2.9
10.5	12.8	13.2	13.9	15.2	16.8	18.8	22.5	3.1
11.0	13.0	13.4	14.1	15.5	17.2	19.3	23.0	3.1
11.5	13.2	13.7	14.4	15.8	17.6	19.8	23.6	3.3
12.0	13.4	13.9	14.7	16.1	18.0	20.2	24.1	3.2
12.5	13.7	14.2	15.0	16.5	18.4	20.7	24.7	3.3
13.0	13.9	14.4	15.2	16.8	18.8	21.1	25.2	3.2
13.5	14.1	14.6	15.5	17.1	19.1	21.5	25.6	3.5
14.0	14.3	14.9	15.7	17.3	19.4	21.8	25.9	3.4
14.5	14.5	15.1	16.0	17.6	19.7	22.0	26.2	3.3
15.0	14.7	15.2	16.1	17.8	19.9	22.3	26.3	3.4
15.5	14.9	15.4	16.3	18.0	20.1	22.4	26.4	3.1
16.0	15.0	15.6	16.5	18.2	20.3	22.6	26.5	3.1
16.5	15.2	15.8	16.7	18.4	20.4	22.8	26.6	3.2
17.0	15.4	16.0	16.9	18.6	20.6	22.9	26.7	3.0
17.5	15.5	16.1	17.1	18.7	20.8	23.1	26.7	3.1
18.0	15.7	16.3	17.3	18.9	21.0	23.2	26.8	3.6

ANNEXURE -9

SMOOTHED AND WEIGHTED AGE AND SEX SPECIFIC WAIST CIRCUMFERENCE PERCENTILE VALUES (cm) FOR INDIAN CHILDREN 3-16 YEARS OF AGE

Sex	Age (y)	Percentiles							
		5th	10th	25th	50th	75th	85th	90th	95th
Boys	3	42.9	44.0	46.0	48.4	51.1	52.7	53.9	55.7
	4	44.1	45.3	47.4	49.9	52.8	54.5	55.7	57.6
	5	45.2	46.5	48.7	51.5	54.6	56.4	57.8	59.8
	6	46.3	47.6	50.1	53.1	56.5	58.6	60.0	62.4
	7	47.4	48.8	51.5	54.8	58.6	60.9	62.5	65.2
	8	48.5	50.0	52.9	56.6	60.8	63.4	65.2	68.2
	9	49.6	51.3	54.4	58.4	63.1	66.0	68.1	71.5
	10	50.8	52.6	56.0	60.4	65.6	68.8	71.1	74.9
	11	52.2	54.1	57.8	62.5	68.1	71.7	74.2	78.5
	12	53.7	55.7	59.6	64.7	70.7	74.6	77.4	82.0
	13	55.4	57.6	61.7	67.0	73.4	77.5	80.4	85.4
	14	57.4	59.6	63.9	69.4	76.1	80.3	83.4	88.5
	15	59.7	62.0	66.3	72.0	78.7	83.0	86.1	91.3
	16	62.4	64.7	69.0	74.7	81.3	85.5	88.6	93.6
Girls	3	44.3	45.3	47.1	49.3	51.8	53.3	54.4	56.1
	4	44.6	45.7	47.7	50.2	52.9	54.6	55.8	57.7
	5	45.3	46.5	48.7	51.4	54.5	56.4	57.8	59.9
	6	46.3	47.6	49.9	52.9	56.4	58.6	60.1	62.6
	7	47.5	48.9	51.5	54.8	58.7	61.1	62.8	65.6
	8	48.9	50.4	53.2	56.8	61.1	63.8	65.8	69.0
	9	50.5	52.1	55.1	59.0	63.7	66.7	68.9	72.4
	10	52.2	53.9	57.1	61.3	66.4	69.6	72.0	75.9
	11	54.0	55.8	59.2	63.7	69.1	72.5	75.0	79.3
	12	55.8	57.7	61.3	66.0	71.6	75.2	77.9	82.3
	13	57.7	59.7	63.4	68.2	74.0	77.7	80.4	84.9
	14	59.7	61.7	65.4	70.2	76.1	79.7	82.5	87.0
	15	61.7	63.7	67.3	72.1	77.7	81.3	83.9	88.2
	16	63.7	65.6	69.1	73.6	79.0	82.3	84.7	88.6

Age: completed age, e.g. 3 y = 3.00-3.99 y

ANNEXURE - 10

SMOOTHED AND WEIGHTED AGE AND SEX SPECIFIC WAIST - HEIGHT(WHT) RATIO PERCENTILE VALUES FOR INDIAN CHILDREN 3-16 YEARS OF AGE

Sex	Age (y)	Percentiles							
		5th	10th	25th	50th	75th	85th	90th	95th
Boys	3	0.44	0.45	0.47	0.50	0.52	0.54	0.55	0.56
	4	0.43	0.44	0.46	0.49	0.51	0.53	0.54	0.56
	5	0.42	0.43	0.45	0.48	0.51	0.52	0.53	0.55
	6	0.41	0.42	0.45	0.47	0.50	0.51	0.52	0.54
	7	0.40	0.41	0.44	0.46	0.49	0.51	0.52	0.54
	8	0.39	0.41	0.43	0.45	0.48	0.50	0.51	0.53
	9	0.38	0.40	0.42	0.45	0.48	0.49	0.51	0.53
	10	0.38	0.39	0.41	0.44	0.47	0.49	0.50	0.52
	11	0.37	0.38	0.41	0.43	0.47	0.49	0.50	0.52
	12	0.37	0.38	0.40	0.43	0.46	0.48	0.50	0.52
	13	0.36	0.38	0.40	0.43	0.46	0.48	0.50	0.52
	14	0.36	0.38	0.40	0.43	0.46	0.49	0.50	0.52
	15	0.37	0.38	0.40	0.43	0.47	0.49	0.50	0.53
	16	0.37	0.39	0.41	0.44	0.48	0.50	0.51	0.53
Girls	3	0.46	0.47	0.49	0.51	0.54	0.55	0.56	0.58
	4	0.45	0.46	0.47	0.50	0.52	0.54	0.55	0.56
	5	0.43	0.44	0.46	0.48	0.51	0.52	0.53	0.55
	6	0.42	0.43	0.45	0.47	0.50	0.51	0.52	0.54
	7	0.41	0.42	0.44	0.46	0.49	0.51	0.52	0.54
	8	0.40	0.41	0.43	0.46	0.48	0.50	0.51	0.53
	9	0.39	0.41	0.43	0.45	0.48	0.50	0.51	0.53
	10	0.39	0.40	0.42	0.45	0.48	0.50	0.51	0.54
	11	0.39	0.40	0.42	0.45	0.48	0.50	0.52	0.54
	12	0.39	0.40	0.42	0.45	0.48	0.50	0.52	0.54
	13	0.39	0.40	0.42	0.45	0.49	0.51	0.52	0.55
	14	0.39	0.40	0.42	0.45	0.49	0.51	0.53	0.55
	15	0.39	0.41	0.43	0.46	0.49	0.52	0.53	0.56
	16	0.40	0.41	0.44	0.47	0.50	0.52	0.54	0.56

Age: completed age, e.g. 3 y = 3.00-3.99 y

ABBREVIATION

SCHOOL:

P- PRIVATE SCHOOL

G-GOVERNMENT SCHOOL

EDUCATIONAL STATUS :

I – ILLITERATE

PS : PRIMARY SCHOOL (1-5 TH STD)

MS : MIDDLE SCHOOL (6 – 8 STD)

HS : HIGH SCHOOL (9 – 10 TH STD)

PHS : POST HIGH SCHOOL (11-12 TH STD)

D : DEGREE

PG : POST GRATUATE

P : PROFESSIONAL AND HONOURS

PROFESSION :

UE : UN EMPLOYED

US : UN SKILLED

S S : SEMI SKILLED

S : SKILLED

F : SHOP AND AGRICULTURE

SP : SEMI PROFESSIONAL

P : PROFESSIONAL

INCOME :

A - < 1600RS

B : 1600 RS – 4809 RS

C : 4810RS – 8009 RS

D : 8010RS - 12019RS

E : 12020 RS – 16019 RS

F : 16020 RS -32049 RS

G : > 32050RS

LIVING WITH

P : PARENTS

G : GUARDIAN

GP : GRAND PARENT

SNACKS

H : HEALTHY

UH : UNHEALTY

EXTRA-CURRICULAR ACTIVITIES

I : INDOOR

O : OUTDOOR

SOCIAL ECONOMICS STATUS

CLASS 1

CLASS 2

CLASS 3

CLASS 4

CLASS 5

ESTIMATION OF OBESITY PROJECT

S No	Name	Age	Sex	Std	School private=Ppublic=G	Father Age	Father edu. QI I,PS,MS,HS,PHS,D,PG	Father Profession UE,US,SS,S,F,SP,P	Mother Age	Mother edu. QI L,PS,MS,HS PHS,D,PD	Mother Profession UE,US,SS,S, SP,P	Income A,B,C,D,E,F,G	Living with parent/ GP / guardian	No of siblings	No of members in family	Snacks eaten everyday H/UH	No of hrs watching Tv	No of meals tkn watching TV	Extra curricular activities I/O	Night sleeping time	Morning waking time	SES	Weight in KG	Height in CM	Waist circumfrence CM	BMI	W/H ratio	Obesity as per BMI	Obesity as per WC	Obesity as per W/Hratio
1	PIOUS S VINSTEN	11	M	7	P	48	D	SH	45	PD	P	C	P		3	UH	4	2	O	10.00	6.00	CLASS 3	53	160	83	20.70	0.52		OBESE	OBESE
2	RIYAS KHAN	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	O	8.50	5.00	CLASS 3	28	142	56	13.89	0.39			
3	JOSHUA	11	M	7	P	45	D	P	35	D	S	B	P	1	4	UH	2.5	1	O	10.00	5.50	CLASS 4	39	135	71	21.40	0.53		OBESE	OBESE
4	BHARATH KUMAR	11	M	7	P	42	MS	SH	31	HS	S	C	P	1	4	UH	4	1	O	10.00	4.00	CLASS 3	28	132	64	16.07	0.48			
5	BALA SANGESH	11	M	7	P	54	MS	UE	40	PS	S	C	P	1	4	H	2	1	O	9.50	6.50	CLASS 3	35	143	69	17.12	0.48			
6	B.AKASH	11	M	7	P	42	MS	S	33	HS	S	B	P		3	UH	2	1	O	9.50	6.50	CLASS 3	29	137	65	15.45	0.47			
7	A.ABIRAM	11	M	7	P	41	HS	SS	34	MS	SS	C	P	1	4	UH	3	3	O	8.50	5.50	CLASS 3	48	154	76	20.24	0.49		OBESE	
8	SATHISH	14	M	7	P	47	MS	UE	42	MS	S	C	P	1	4	UH	3	1	O	9.50	6.30	CLASS 3	30	144	61	14.47	0.42			
9	S. CHARAN	14	M	7	P	47	HS	S	38	MS	US	C	P	1	4	UH	2	1	O	11.00	5.50	CLASS 3	31	140	62	15.82	0.44			
10	VARUN	14	M	7	P	36	MS	UE	32	MS	S	C	P	1	4	UH	5	1	O	10.00	7.50	CLASS 3	39	169	61	13.65	0.36			
11	THOWSHIF AHMED	13	M	7	P	42	MS	US	31	MS	UE	C	P	1	4	UH	2.5	1	O	9.50	5.50	CLASS 3	44	160	61	17.19	0.38			
12	HARIHARAN	13	M	7	P	36	HS	S	34	HS	S	C	P	1	4	H	4	1	O	10.00	6.00	CLASS 3	39.7156	156	60	16.32	0.38			
13	GAUTHAM	13	M	7	P	42	MS	S	37	IL	UE	B	P	1	4	H	4	1	O	9.00	5.00	CLASS 3	29	139	56	15.01	0.40			
14	AM.F ASHIF AHMED	13	M	7	P	40	HS	US	30	MS	UE	C	P	3	6	UH	2	1	O	9.00	6.00	CLASS 3	37	151	59	16.23	0.39			
15	NARENDRAN	13	M	7	P	42	HS	S	38	MS	UE	C	P	1	4	UH	4	1	O	9.50	7.00	CLASS 3	38.5	156	61	15.82	0.39			
16	ABDULLAH	13	M	7	P	50	MS	S	42	HS	UE	D	P	1	4	UH	3	1	O	12.00	7.00	CLASS 3	32	142	55	15.87	0.39			
17	ARUN SELVAN	12	M	7	P	36	MS	US	32	HS	UE	C	P	1	4	UH	1	1	O	9.00	6.00	CLASS 3	37.1	148	57	16.94	0.39			
18	SUHAIL	11	M	7	P	37	MS	S	39	HS	UE	B	P	2	7	UH	2	1	O	9.50	6.00	CLASS 3	23	136	50	12.44	0.37			
19	SUJEETH	11	M	7	P	34	MS	S	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 3	22	134	47	12.25	0.35			
20	SANTRO	11	M	7	P	41	D	P	30	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	28	144	53	13.50	0.37			
21	G.S SURESH	11	M	7	P	46	MS	US	32	MS	UE	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 3	39	144	64	18.81	0.44			
22	SABARI KARTHIK	13	M	7	P	45	MS	S	39	MS	UE	C	P	1	4	UH	2	1	O	10.50	5.50	CLASS 3	31	144	54	14.95	0.38			
23	SANOOP	13	M	8	P	46	MS	US	-	-	-	C	G	2	5	H	3	3	O	9.00	6.00	CLASS 3	61	155	32	25.39	0.21			
24	SUNDARESAN	13	M	8	P	43	D	S	36	MS	UE	C	P	1	4	UH	2	1	O	10.00	7.00	CLASS 3	38	147	61	17.59	0.41			
25	FRANCIS	13	M	8	P	43	MS	SS	33	PS	S	C	P	2	5	UH	2	1	O	9.00	7.00	CLASS 3	36	150	53	16.00	0.35			
26	NISHAD	13	M	8	P	42	I	US	38	PS	UE	C	P	2	5	UH	3	3	O	10.00	6.00	CLASS 2	51	158	70	20.43	0.44			
26	ANEES	13	M	8	P	41	PS	SS	32	HS	UE	D	P	1	4	UH	1	1	O	11.00	6.30	CLASS 3	38	152	64	16.45	0.42			
27	SYED IRSHAD	13	M	8	P	40	I	F	38	MS	UE	D	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	34	152	56	14.72	0.37			
28	MOHAMMAD	13	M	8	P	39	I	S	36	MS	UE	D	P	2	5	H	3	0	O	9.00	6.00	CLASS 2	42	155	62	17.48	0.40			
29	NIZAR	13	M	8	P	41	PS	US	36	PS	UE	D	P	2	5	H	3	2	I	11.00	6.00	CLASS 3	29	145	55	13.79	0.38			
30	SREEHARAN	13	M	8	P	39	HS	S	32	MS	UE	D	P	1	4	UH	2	2	O	9.00	6.00	CLASS 2	50	155	71	20.81	0.46			

31	KARTHIKRAJA	13	M	8	P	37	PS	US	32	HS	UE	D	P	1	4	UH	2	0	O	9.00	6.00	CLASS 3	39	157	56	15.82	0.36			
32	ROSHAN	13	M	8	P	41	MS	S	35	PS	UE	D	P	2	5	H	2	0	O	8.30	6.30	CLASS 3	28	143	50	13.69	0.35			
33	ARSHAD	13	M	8	P	41	HS	S	32	PHS	UE	C	P	1	4	H	3	0	O	12.00	8.00	CLASS 3	27	135	54	14.81	0.40			
34	KARTHIKRAJA	13	M	8	P	45	HS	S	44	HS	UE	D	G	1	4	UH	3	3	O	9.00	6.00	CLASS 3	38	153	57	16.23	0.37			
35	PRASANNA KUMAR	13	M	8	P	-	-	-	36	HS	S	D	P	0	2	UH	1.5	2	O	10.30	5.30	CLASS 3	37	148	60	16.89	0.41			
36	SHEIK MUSHRAF	13	M	8	P	42	PMS	S	36	PHS	UE	D	P	1	4	H	1	0	O	10.00	5.40	CLASS 3	32	142	57	15.87	0.40			
37	RAHUL	13	M	8	P	45	PS	S	43	MS	S	D	P	1	4	UH	1	2	I	10.00	7.00	CLASS 3	35	145	54	16.65	0.37			
38	THOUFEEK	13	M	8	P	35	MS	US	30	PS	UE	D	P	2	6	H	0	0	O	10.00	6.00	CLASS 3	33	133	63	18.66	0.47			
39	KANNAN	13	M	8	P	-	-	-	-	-	-	-	GP	1	4	UH	3	3	I	10.00	7.00	CLASS 3	47	155	68	19.56	0.44			
40	GAJENDRAN	13	M	8	P	48	HS	S	43	HS	UE	D	P	1	4	H	3	1	O	9.00	5.00	CLASS 3	45	162	69	17.15	0.43			
41	SANJAY	13	M	8	P	40	MS	S	37	MS	UE	E	P	1	5	UH	1	0	O	10.30	6.30	CLASS 3	54	148	65	24.65	0.44			
42	HARHARAN	13	M	8	P	44	PS	US	40	D	P	E	P	1	4	H	2	0	O	9.30	6.30	CLASS 2	29	140	51	14.80	0.36			
43	VYSHNAV	13	M	8	P	46	MS	UE	38	PHS	S	D	P	1	4	H	4	2	O	10.00	6.00	CLASS 3	40	156	60	16.44	0.38			
44	JAGANATHAN	13	M	8	P	45	PHS	S	42	D	S	G	P	1	4	UH	1.5	1	I	8.00	5.50	CLASS 2	36	148	55	16.44	0.37			
45	GOPALA KRISHNAN	13	M	8	P	45	HS	S	45	HS	UE	E	P	1	4	H	1	1	O	9.30	6.30	CLASS 3	46	156	67	18.90	0.43			
46	DINESHKUMAR	13	M	8	P	46	MS	S	42	HMS	UE	E	P	1	4	UH	3	3	I	9.00	6.00	CLASS 3	31	150	51	13.78	0.34			
47	ARSHAD AHAMED	13	M	7	P	45	HS	US	42	PHS	S	D	P	0	3	UH	3	3	O	8.00	5.40	CLASS 3	34	142	57	16.86	0.40			
48	ANANDHA RAJ	13	M	8	P	46	MS	S	41	MS	UE	D	P	2	6	H	2	2	I	10.00	6.00	CLASS 3	49	162	63	18.67	0.39			
49	MOHAMMAD AFSAR	13	M	8	P	47	MS	US	41	HS	UE	D	P	2	5	H	5	2	I	10.00	6.30	CLASS 4	44	143	68	21.52	0.48			
50	SATHYA NARAYANAN	13	M	8	P	43	MS	S	38	MS	US	E	P	1	4	UH	0.5	0	I	9.30	6.00	CLASS 3	34	145	55	16.17	0.38			
51	RAJESH	13	M	8	P	42	MS	S	33	MS	UE	D	P	1	4	UH	1	1	O	9.00	6.00	CLASS 3	33	145	67	15.70	0.46			
52	ANAZ	14	M	7	P	45	HS	US	40	HS	UE	F	P	2	5	UH	3	3	O	9.00	6.00	CLASS 2	40	152	69	17.31	0.45			
53	PRACHAD	14	M	8	P	36	PS	US	38	HS	S	E	P	0	3	UH	2	2	O	9.00	6.00	CLASS 3	37	153	64	15.81	0.42			
54	SANJAY	14	M	8	P	32	PHS	S	28	HS	UE	F	P	2	5	UH	1	0	O	9.00	6.00	CLASS 2	36	155	58	14.98	0.37			
55	VENKATESHWARAN	14	M	8	P	38	HS	S	36	D	P	F	P	1	4	UH	3	2	O	10.00	6.00	CLASS 1	31	144	55	14.95	0.38			
56	PARTHIBAN	14	M	8	P	42	PHS	S	40	MS	UE	F	P	1	4	UH	1.5	1	I	9.00	6.30	CLASS 2	25	132	52	14.35	0.39			
57	UMAR	14	M	8	P	43	MS	US	39	PS	UE	F	P	1	4	UH	1	0	O	10.00	7.30	CLASS 3	34	142	58	16.86	0.41			
58	SAI VIGNESH	14	M	8	P	45	HS	F	45	MD	UE	F	P	3	6	UH	2	2	O	10.00	7.00	CLASS 2	46	154	70	19.40	0.45			
59	SRIKANTH	14	M	8	P	40	PHS	S	35	HS	UE	D	P	2	5	UH	2	1	O	9.00	7.00	CLASS 3	35	149	60	15.77	0.40			
60	NEWTON FELIX	14	M	8	P	-	-	-	43	MS	US	C	P	1	3	UH	1	0	O	10.30	5.30	CLASS 4	57	164	72	21.19	0.44			
61	ABDUL ADIL	14	M	8	P	49	MS	S	46	MS	UE	D	P	2	5	UH	1	1	O	9.00	6.00	CLASS 3	49	160	63	19.14	0.39			
62	PRAVEEN	14	M	8	P	44	PS	US	38	HS	US	D	P	1	4	H	2.5	0	I	10.00	6.30	CLASS 4	37	153	60	15.81	0.39			
63	MOHAMMED	14	M	8	P	34	I	US	32	HS	UE	D	P	1	4	UH	2	2	O	9.00	6.00	CLASS 4	43	162	62	16.38	0.38			
64	ABDUL MUNAF	14	M	8	P	42	PHS	S	35	HS	UE	E	P	2	5	UH	1	0	-	9.00	6.00	CLASS 3	44	165	61	16.16	0.37			

65	MANOJ KUMAR	14	M	8	P	45	MS	F	39	PS	UE	E	P	0	3	UH	3	1	I	10.00	7.10	CLASS 3	79	163	86	29.73	0.53	OBESE	OBESE	OBESE
66	GOKULA KRISHNAN	14	M	8	P	45	MS	S	43	MS	S	C	P	1	4	UH	1	1	I	10.50	6.50	CLASS 4	35	146	55	16.42	0.38			
67	MOHAMMAD HARSHAD	14	M	8	P	45	HS	S	40	HS	UE	C	P	1	4	H	4	3	O	9.00	6.00	CLASS 3	23	130	51	13.61	0.39			
68	SHAN SEMIL	13	M	8	P	-	-	-	36	HS	S	B	P	0	2	UH	3	0	O	9.00	5.30	CLASS 4	45	155	65	18.73	0.42			
69	SERALATHAN	11	M	7	P	45	MS	S	42	MS	UE	B	P	1	4	UH	0.5	0	O	10.45	4.45	CLASS 4	26	140	59	13.27	0.42			
70	HARI	13	M	7	P	35	HS	F	30	PHS	UE	E	P	1	4	UH	3	3	I	11.00	5.30	CLASS 2	57	157	84	23.12	0.54		OBESE	OBESE
71	HARIKUMAR	13	M	7	P	41	HS	S	34	PHS	UE	C	P	1	4	UH	0.5	1	O	9.00	6.30	CLASS 3	28	140	60	14.29	0.43			
72	AAKASH	13	M	7	P	44	PHS	F	39	HS	S	G	P	1	6	UH	6	3	I	10.30	6.00	CLASS 2	47	159	76	18.59	0.48		OBESE	
73	SRI KANTH	13	M	7	P	42	HS	F	37	D	UE	C	P	1	4	UH	1.3	1	O	10.30	6.30	CLASS 3	35	146	71	16.42	0.49			
74	SOUNDAERAJAN	13	M	7	P	39	PHS	F	38	PHS	UE	B	P	1	4	UH	1	1	O	9.30	6.30	CLASS 3	40	149	70	18.02	0.47			
75	JOHNSON	13	M	7	P	-	-	-	35	MS	US	B	P	1	3	UH	3	0.3	O	10.30	6.30	CLASS 4	49	155	77	20.40	0.50		OBESE	OBESE
76	CHIRANJIVI	12	M	7	P	41	MS	F	27	MS	S	C	P	0	3	H	3	1	O	9.00	6.30	CLASS 3	37	145	58	17.60	0.40			
77	AFSAL	12	M	7	P	45	MS	F	41	HS	UE	C	P	1	4	UH	1.5	1	I	10.10	6.00	CLASS 3	36	150	67	16.00	0.45		OBESE	OBESE
78	ABISHEK	12	M	7	P	40	HS	S	35	PHS	UE	B	P	2	5	UH	1	1	O	9.00	7.00	CLASS 3	35	150	70	15.56	0.47			
79	SAMUEL	12	M	7	P	45	PS	F	39	D	P	G	P	1	4	UH	4	1	O	10.00	6.00	CLASS 1	44	159	76	17.40	0.48		OBESE	
80	SHANE	12	M	7	P	35	D	SP	32	D	SP	G	P	1	4	UH	5	3	O	9.00	6.15	CLASS 2	67	166	90	24.31	0.54		OBESE	OBESE
81	SOLOMON RAJA DANIEL	12	M	7	P	50	HS	F	47	PHS	UE	C	P	3	6	UH	1	1	I	10.00	6.00	CLASS 3	38	147	69	17.59	0.47			
82	THPWFICK ROSHAN	12	M	7	P	43	PS	US	27	HS	UE	C	P	1	4	UH	3	1	O	9.30	6.00	CLASS 4	27	142	56	13.39	0.39			
83	RUFUS	13	M	7	P	41	D	S	39	D	UE	C	P	1	4	UH	1	1	I	9.00	7.00	CLASS 3	42	150	71	18.67	0.47			
84	LASHAN KUMAR	13	M	7	P	46	PHS	F	45	HS	UE	C	P	1	4	UH	3	1	O	9.00	7.00	CLASS 2	38	151	73	16.67	0.48			
85	VISHNU PRAKASH	12	M	7	P	44	MS	S	41	PS	UE	C	P	0	3	UH	5	1	I	8.30	7.00	CLASS 4	31	140	64	15.82	0.46			
86	VISHNU	12	M	7	P	45	MS	S	41	MS	S	D	P	1	4	UH	4	1	O	10.00	6.00	CLASS 3	31	140	60	15.82	0.43			
87	VIGNESH KUMAR	12	M	7	P	47	D	P	35	PHS	S	C	P	1	5	UH	1	1	I	10.00	7.00	CLASS 2	34	154	70	14.34	0.45			
88	NANDHA KUMAR	12	M	7	P	44	HS	S	38	MS	UE	D	P	1	4	UH	2	1	O	9.30	4.45	CLASS 3	24	135	56	13.17	0.41			
89	NAGENDRAN	12	M	7	P	32	HS	US	29	MS	UE	C	P	1	6	UH	1	1	I	9.30	5.00	CLASS 4	46	148	74	21.00	0.50		OBESE	OBESE
90	MOHAMMAD AZARUDEEN	12	M	7	P	41	HS	F	39	PHS	F	C	P	1	4	UH	0.5	1	O	10.00	6.30	CLASS 3	24	135	54	13.17	0.40			
91	KISHORE	12	M	7	P	44	PS	F	41	PHS	UE	F	P	1	7	UH	3	0	I	8.00	5.00	CLASS 2	30	145	61	14.27	0.42			
92	JAYASURYA	12	M	7	P	38	PS	S	33	PHS	UE	C	P	1	4	UH	2	1	I	11.00	7.00	CLASS 3	45	157	75	18.26	0.48		OBESE	
93	IRISH AARON	12	M	7	P	43	PHS	SP	42	PHS	SP	E	P	1	4	UH	3.5	2	O	10.00	6.00	CLASS 2	36	150	70	16.00	0.47			
94	GOKULA KRISHNAN	12	M	7	P	39	PS	F	34	HS	UE	C	P	1	4	UH	6	1	O	11.30	7.00	CLASS 3	29	145	61	13.79	0.42			
95	JANARTHANAN	14	M	8	P	43	MS	S	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	42	160	63	16.41	0.39			
96	HARAASARAN	14	M	8	P	58	PHS	S	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 3	30	157	57	12.17	0.36			
97	VISHNU	15	M	8	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	39	159	56	15.43	0.35			
98	SURYA	14	M	8	P	40	HS	S	35	D	UE	D	P	1	4	UH	4	2	I	11.00	7.00	CLASS 3	41	157	65	16.63	0.41			

99	ASHIQ	14	M	8	P	38	HS	US	36	HS	UE	C	P	1	4	UH	4	1	O	8.00	5.00	CLASS 4	36	147	58	16.66	0.39			
100	MUSTHAFA	14	M	8	P	39	PS	F	29	HS	UE	C	P	2	5	UH	2	1	O	9.00	5.00	CLASS 3	34	155	65	14.15	0.42			
101	SANDEEP	14	M	8	P	42	PHS	S	38	HS	UE	D	P	1	8	UH	2	0	O	9.30	6.00	CLASS 3	38	152	59	16.45	0.39			
102	SANJAY KUMAR	14	M	8	P	38	MS	S	35	HS	UE	B	P	1	4	H	2	0	I	10.00	7.00	CLASS 2	28	148	54	12.78	0.36			
103	THEJAS	14	M	8	P	52	D	SP	41	D	UE	C	P	1	4	UH	2	2	O	10.30	6.00	CLASS 3	42	146	64	19.70	0.44			
104	ABDUL RAZAK	12	M	7	P	43	MS	F	33	MS	UE	C	P	2	6	UH	3	1	I	9.00	6.45	CLASS 3	39	140	75	19.90	0.54		OBESE	OBESE
105	HARI KRISHNAN	12	M	7	P	39	PHS	S	35	HS	S	E	P	1	5	UH	2	1	I	10.00	6.45	CLASS 3	42	138	78	22.05	0.57		OBESE	OBESE
106	ABLAH	13	M	8	P	40	PS	F	35	PHS	UE	C	P	1	4	UH	4	1	O	9.30	7.30	CLASS 3	32	138	57	16.80	0.41			
107	JERALD	12	M	8	P	45	HS	S	33	D	SP	E	P	1	4	UH	3	0	O	10.00	6.00	CLASS 2	43	168	66	15.24	0.39			
108	DHALHA	12	M	8	P	43	D	S	39	MS	UE	C	P	1	4	UH	0.5	0	O	10.00	5.00	CLASS 3	47	166	65	17.06	0.39			
109	ROSHAN ASRAF	13	M	8	P	44	HS	S	38	HS	UE	C	P	1	4	UH	3	0	O	10.30	6.00	CLASS 3	40	158	60	16.02	0.38			
110	RAGUF	13	M	8	P	44	HS	S	38	HS	UE	C	P	1	5	UH	4	1	O	10.30	6.00	CLASS 3	30	154	56	12.65	0.36			
111	PARTHIBAN	13	M	8	P	45	MS	S	42	MS	S	D	P	1	8	UH	4	1	O	10.00	7.00	CLASS 3	43	152	76	18.61	0.50		OBESE	OBESE
112	SAMUEL	14	M	8	P	47	PHS	S	42	HS	UE	C	P	0	3	UH	2	0	I	10.00	7.00	CLASS 3	34	136	54	18.38	0.40			
113	THANISH	14	M	8	P	40	HS	F	34	D	UE	E	P	1	5	UH	5	2	I	10.00	6.00	CLASS 2	34	169	60	11.90	0.36			
114	SIVA	14	M	8	P	32	PHS	S	29	HS	UE	C	P	1	4	UH	2	2	O	9.00	6.00	CLASS 3	28	137	51	14.92	0.37			
115	BALA KRISHNAN	15	M	8	P	45	HS	F	39	PHS	F	C	P	1	4	UH	1	0	O	10.00	6.00	CLASS 3	40	175	70	13.06	0.40			
116	VIGNESH	14	M	8	P	43	-	-	39	-	-	-	G	2	JF	UH	4	1	O	9.30	7.00	CLASS 5	38	156	61	15.61	0.39			
117	NAWAS SHERIF	14	M	8	P	45	HS	S	35	MS	UE	C	P	2	5	UH	2	0	I	10.30	6.40	CLASS 3	45	155	65	18.73	0.42			
118	SARAVANA MURUIGAN	14	M	8	P	52	MS	US	46	HS	UE	B	P	2	5	UH	4	3	I	8.30	5.30	CLASS 4	45	143	73	22.01	0.51			OBESE
119	SIMON	13	M	8	P	48	HS	S	42	HS	UE	C	P	2	5	UH	2	0	O	10.00	6.00	CLASS 3	40	159	58	15.82	0.36			
120	DURGAVARANTH	13	M	8	P	45	MS	US	36	MS	S	B	P	1	4	H	0.3	1	O	11.00	7.00	CLASS 4	50	170	68	17.30	0.40			
121	SHRRIF SHMED	13	M	8	P	39	MS	US	34	HS	S	C	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	39	152	60	16.88	0.39			
122	BALAKRISHNAN	13	M	8	P	32	MS	S	30	MS	S	A	P	1	4	UH	3	1	O	9.00	7.00	CLASS 3	40	147	68	18.51	0.46			
123	ANAS	13	M	8	P	40	MS	F	32	HS	UE	C	P	2	5	UH	3	0	O	11.00	6.30	CLASS 3	35	145	58	16.65	0.40			
124	ARAVINTHAN	13	M	8	P	40	PS	F	35	MS	UE	E	P	0	3	UH	5	1	O	11.00	6.00	CLASS 3	42	148	64	19.17	0.43			
125	SATHISH	13	M	8	P	52	HS	S	46	MS	S	C	P	1	4	UH	3	3	O	10.00	6.00	CLASS 3	25	136	51	13.52	0.38			
126	FAZILIKRAM	12	M	8	P	38	HS	S	30	PS	UE	C	P	1	4	UH	2	1	O	9.00	6.00	CLASS 3	35	153	62	14.95	0.41			
127	ANVAR	13	M	8	P	47	MS	S	40	PS	UE	B	P	0	3	UH	5	2	O	10.00	8.00	CLASS 4	60	170	76	20.76	0.45		OBESE	
128	PREMKUMAR	13	M	8	P	45	D	SP	37	D	UE	C	P	1	6	UH	2	3	I	9.00	6.30	CLASS 3	30	149	52	13.51	0.35			
129	THAMEEZ	12	M	8	P	47	PS	S	40	HS	UE	B	P	2	6	UH	2	1	O	10.00	6.00	CLASS 4	40	156	64	16.44	0.41			
130	PRAGADEEWARAN	13	M	8	P	43	HS	S	39	HS	UE	C	P	1	JF	UH	4	1	O	9.30	6.00	CLASS 3	35	149	59	15.77	0.40			
131	KRISHNAKANTH	13	M	8	P	43	HS	S	38	MS	UE	C	P	1	5	UH	5	2	O	11.00	7.00	CLASS 3	40	160	71	15.63	0.44			
132	AJAY	13	M	8	P	43	PHS	F	32	HS	UE	E	P	2	4	UH	5	1	I	10.00	7.00	CLASS 2	52	162	76	19.81	0.47		OBESE	

133	SELVAGANESH	13	M	8	P	45	HS	S	36	PS	S	C	P	1	4	UH	2	2	I	10.30	6.40	CLASS 3	40	154	65	16.87	0.42			
134	MAHESH KUMAR	13	M	8	P	45	MS	S	35	PS	UE	D	P	1	4	UH	6	3	O	10.00	7.00	CLASS 3	25	140	56	12.76	0.40			
135	STEVE JOHANSON	13	M	8	P	47	D	SP	40	PHS	UE	C	P	1	4	UH	2	2	O	10.00	5.00	CLASS 3	32	151	51	14.03	0.34			
136	MANOJ	13	M	8	P	45	PHS	S	37	HS	UE	F	P	2	5	UH	3	2	O	10.00	4.00	CLASS 2	35	146	52	16.42	0.36			
137	KISHORE	13	M	8	P	43	PHS	S	39	MS	UE	C	P	1	4	UH	5	2	O	10.00	7.00	CLASS 3	45	148	60	20.54	0.41			
138	SANJAY	12	M	7	P	42	MS	S	39	MS	UE	C	P	1	4	UH	1	0	O	9.00	6.00	CLASS 4	25	128	50	15.26	0.39			
139	SUHAIL RAHUMAN	12	M	7	P	38	PHS	F	32	HS	UE	C	P	1	7	UH	1	1	O	10.00	7.00	CLASS 3	42	144	73	20.25	0.51		OBESE	OBESE
140	SHIYATH AHMED	12	M	7	P	52	HS	F	47	PHS	UE	G	P	2	5	UH	4	1	O	12.00	6.00	CLASS 2	42	161	59	16.20	0.37			
141	VISWANATH	12	M	7	P	40	HS	S	36	HS	UE	C	P	1	4	H	1	1	I	9.00	6.30	CLASS 3	31	151	52	13.60	0.34			
142	SABARI VASAN	12	M	7	P	42	HS	F	37	MS	UE	C	P	1	4	H	1	1	I	9.00	6.30	CLASS 3	40	159	61	15.82	0.38			
143	GNANA VIGNESH	12	M	7	P	53	MS	S	40	MS	UE	B	P	0	3	H	1	1	O	10.00	7.00	CLASS 4	35	141	62	17.60	0.44			
144	ROSHAN	12	M	7	P	38	HS	S	36	MS	UE	F	P	2	5	UH	3	1	O	10.00	7.00	CLASS 2	43	151	65	18.86	0.43			
145	SALMAN HUSSAIN	13	M	7	P	40	MS	F	33	PHS	UE	C	P	2	5	UH	2	1	O	11.00	7.00	CLASS 3	40	145	62	19.02	0.43			
146	ASHIF AHMED	12	M	7	P	38	HS	S	35	HS	UE	C	P	1	4	UH	3	1	I	10.00	6.00	CLASS 3	51.1	150	74	22.71	0.49		OBESE	
147	MOHAMMED ISSAK	12	M	7	P	52	HS	S	45	PHS	UE	C	P	2	4	UH	2	1	O	10.00	6.30	CLASS 3	29.6	144	55	14.27	0.38			
148	ABISHEK	12	M	7	P	39	HS	S	31	MS	UE	D	P	1	4	UH	3	1	O	9.00	6.00	CLASS 3	34	143	57	16.63	0.40			
149	MUGESH	12	M	7	P	41	HS	F	37	PHS	UE	C	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	33	149	54	14.86	0.36			
150	GOKUL KRISHNAN	12	M	7	P	39	MPS	S	37	HS	UE	B	P	1	4	UH	3	1	O	10.00	7.00	CLASS 4	29	138	57	15.23	0.41			
151	DEVA PRASATH	12	M	7	P	40	PS	F	32	HS	UE	A	P	4	7	UH	1	1	O	8.00	7.00	CLASS 4	42	149	62	18.92	0.42			
152	PRABHU RAM	12	M	7	P	60	PS	F	53	HS	UE	B	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	35	144	60	16.88	0.42			
153	KARTHIKAN	12	M	7	P	40	MS	S	35	HS	S	D	P	1	4	H	1	1	O	10.00	7.00	CLASS 3	28	138	53	14.70	0.38			
154	PRANAV	12	M	7	P	42	PHS	F	35	PHS	UE	C	P	2	5	UH	3	1	I	10.00	7.00	CLASS 3	32	144	53	15.43	0.37			
155	MOHAMMED SHEFAAN	12	M	8	P	46	PHS	F	34	MS	UE	C	P	2	5	UH	2.3	1	O	10.00	6.00	CLASS 3	34	150	53	15.11	0.35			
156	SHIVAA	12	M	8	P	40	D	P	35	PHS	SP	E	P	2	5	UH	1	1	I	9.00	6.00	CLASS 2	35	150	57	15.56	0.38			
157	MOHAMMED IYAS	13	M	8	P	35	HPHS	S	32	HS	UE	G	P	1	4	UH	3	3	O	8.00	6.00	CLASS 2	35	155	59	14.57	0.38			
158	KRISHNA GEETHAN	12	M	8	P	39	PHS	S	35	PHS	UE	D	P	1	4	UH	2	1	I	10.00	6.00	CLASS 3	31	148	51	14.15	0.34			
159	UMAR FARUK	14	M	8	P	43	MS	F	39	MS	UE	D	P	1	4	UH	1	0	O	10.00	7.30	CLASS 3	34	142	58	16.86	0.41			
160	MAHALAKSHMI	13	F	8	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	42	155	65	17.48	0.42			
161	UMA MAHESWARI	13	F	8	G	40	MS	F	35	PS	UE	C	P	1	4	UH	3	2	I	11.00	7.00	CLASS 3	30	151	77	13.16	0.51		OBESE	OBESE
162	PAVITHRA	13	F	8	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	39	157	62	15.82	0.39			
163	KRITHIKA	13	F	8	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	35.5	151	58	15.57	0.38			
164	NIVETHA	13	F	8	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	34	152	61	14.72	0.40			
165	DEVI PRIYA	13	F	8	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	49	148	72	22.37	0.49			
166	POORNIMA	13	F	8	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	36	143	64	17.60	0.45			

167	SUIKSHA	13	F	8	G	36	MS	US	35	MS	US	B	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	33	150	56	14.67	0.37			
168	PAKSHANA	13	F	8	G	36	MS	US	35	MS	US	C	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	48	151	70	21.05	0.46			
169	SAI SHREE	13	F	8	G	42	IL	US	35	IL	US	B	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	34	153	61	14.52	0.40			
170	SWETHA	13	F	8	G	34	MS	S	33	PHS	UE	C	P	1	4	UH	2	1	O	8.30	6.00	CLASS 3	31	142	66	15.37	0.46			
171	VARSHA	13	F	8	G	40	MS	S	38	MS	UE	B	P	2	5	UH	2	1	O	9.30	6.00	CLASS 3	33	148	57	15.07	0.39			
172	KARTHIKA LAKSHMI	13	F	8	G	40	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	30	139	60	15.53	0.43			
173	SHOBIKA	13	F	8	G	40	HS	US	35	MS	US	B	P	0	3	UH	1.3	3	O	8.00	6.00	CLASS 4	34	161	61	13.12	0.38			
174	GOWTHAMI	13	F	8	G	40	HS	S	38	MS	US	C	P	0	3	UH	6	1	O	9.30	5.30	CLASS 3	51	150	84	22.67	0.56		OBESE	OBESE
175	DIVYA LAKSHMI	13	F	8	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	2	2	I	9.00	6.00	CLASS 4	41	157	64	16.63	0.41			
176	NANDHINI	13	F	8	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	47	157	67	19.07	0.43			
177	YAMUNA	13	F	8	G	38	HS	S	35	HS	UE	C	P	1	4	UH	2	2	I	10.00	6.30	CLASS 3	49	150	81	21.78	0.54		OBESE	OBESE
178	MINI	13	F	8	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	28	147	57	12.96	0.39			
179	MADHIVADHINI	14	F	9	G	42	PHS	S	40	HS	UE	D	P	0	5	UH	3	3	I	9.45	7.00	CLASS 3	61	163	81	22.96	0.50		OBESE	OBESE
180	SHAMINI	14	F	9	G	48	PHS	F	45	PS	UE	C	P	1	4	UH	2	1	I	10.00	7.00	CLASS 3	55	160	77	21.48	0.48		OBESE	
181	RAJESWARI	14	F	9	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	2	3	I	9.00	6.00	CLASS 4	43	152	55	18.61	0.36			
182	SAGAYA JENITTA	14	F	9	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	38	148	30	17.35	0.20			
183	MYTHILI	14	F	9	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	53	161	71	20.45	0.44			
184	LAKSHANA	14	F	9	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	1.3	2	I	9.00	6.00	CLASS 4	49	154	67	20.66	0.44			
185	ANISHA FATHIMA	14	F	9	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	46	160	62	17.97	0.39			
186	YUVASRI	14	F	9	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	40	159	58	15.82	0.36			
187	PRIYANGA	14	F	9	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	87	167	97	31.20	0.58	OBESE	OBESE	OBESE
188	SOWNDARYA	14	F	9	G	45	MS	US	40	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	51	152	76	22.07	0.50		OBESE	OBESE
189	HARSHA	14	F	9	G	40	HS	S	35	HS	UE	C	P	1	4	UH	2	3	I	10.00	6.00	CLASS 3	48	156	72	19.72	0.46			
190	KRISHNAKUMARI	14	F	9	G	46	HS	SP	39	HS	UE	E	P	1	4	H	4	1	I	8.00	7.00	CLASS 2	43	156	68	17.67	0.44			
191	SATHYA	15	F	9	G	39	D	F	35	D	UE	G	P	1	4	H	2	1	I	8.00	6.00	CLASS 2	55	153	80	23.50	0.52		OBESE	OBESE
192	ABINAYA	14	F	9	G	40	D	F	36	D	UE	B	P	2	5	UH	2	2	I	9.00	6.00	CLASS 3	37	135	77	20.30	0.57		OBESE	OBESE
193	VAISHNAVI	14	F	9	G	42	PHS	S	36	PHS	UE	F	P	1	4	UH	1	1	O	9.00	6.00	CLASS 2	53	159	75	20.96	0.47			
194	RAMYA	14	F	9	G	40	D	P	35	D	UE	F	P	1	4	H	3	1	I	9.00	6.00	CLASS 1	61	162	93	23.24	0.57		OBESE	OBESE
195	VARSHINI	14	F	9	G	54	HS	S	44	HS	UE	C	P	0	3	H	3	1	I	8.00	6.30	CLASS 3	61	162	93	23.24	0.57		OBESE	OBESE
196	JOTHIKA	14	F	9	G	54	PHS	F	44	HS	F	E	P	1	4	H	4	2	I	9.00	6.30	CLASS 3	61	162	93	23.24	0.57		OBESE	OBESE
197	PANDIN REENA	14	F	9	G	42	D	P	39	D	UE	F	P	1	4	UH	2	1	I	11.00	7.00	CLASS 1	53	159	80	20.96	0.50		OBESE	OBESE
198	KAVIARASHE	14	F	9	G	-	-	-	41	HS	S	B	P	0	3	UH	3	2	I	9.00	5.00	CLASS 4	53	159	82	20.96	0.52		OBESE	OBESE
199	SNEGA	13	F	9	G	45	D	F	40	HS	UE	D	P	1	5	UH	1	1	O	12.00	8.00	CLASS 3	56	159	72	22.15	0.45			
200	GAYATHRI	13	F	9	G	50	I	US	42	PHS	UE	B	P	1	4	UH	3	1	I	9.00	7.00	CLASS 4	47	148	78	21.46	0.53		OBESE	OBESE

201	MUFEENA	15	F	9	G	48	D	S	39	D	S	F	P	0	3	H	5	2	I	10.00	6.00	CLASS 2	55	153	80	23.50	0.52		OBESE	OBESE
202	NANDHINI	14	F	9	G	45	D	P	40	D	UE	G	P	1	4	UH	2	1	I	10.00	6.00	CLASS 1	40	148	70	18.26	0.47			
203	SINDUZA	14	F	9	G	40	HS	US	35	HS	US	B	P	1	4	UH	3	1	I	11.00	7.00	CLASS 4	55	140	78	28.06	0.56	OBESE	OBESE	OBESE
204	SNEHA	13	F	9	G	-	-	-	29	PHS	S	B	P	1	4	H	4	2	I	9.00	6.00	CLASS 3	52	151	82	22.81	0.54		OBESE	OBESE
205	NANDHINI	14	F	9	G	43	D	P	38	PS	UE	G	P	1	4	UH	4	1	I	11.00	7.00	CLASS 1	54	140	78	27.55	0.56	OBESE	OBESE	OBESE
206	AARSHIYA	15	F	9	G	40	D	P	33	PHS	UE	F	P	1	4	H	2	1	I	9.00	6.00	CLASS 1	56	165	75	20.57	0.45			
207	DURGA NANDHINI	15	F	9	G	42	MS	S	36	PHS	UE	B	P	0	3	H	2	2	I	10.00	6.00	CLASS 3	56	165	76	20.57	0.46			
208	KOWSALYA	13	F	9	G	39	PHS	F	33	PS	UE	F	P	1	5	UH	3	1	I	10.00	7.30	CLASS 2	47	148	78	21.46	0.53		OBESE	OBESE
209	DHARANI	14	F	9	G	46	D	P	40	D	UE	G	P	1	4	UH	2	1	I	9.00	5.30	CLASS 1	50	142	79	24.80	0.56		OBESE	OBESE
210	SWETHA	14	F	9	G	42	PHS	S	39	PHS	UE	D	GP	1	4	UH	4	2	O	10.00	7.30	CLASS 3	60	145	83	28.54	0.57	OBESE	OBESE	OBESE
211	SWETHA	13	F	9	G	45	D	F	32	PS	UE	C	P	1	4	UH	3	1	I	10.00	6.30	CLASS 3	56	159	83	22.15	0.52		OBESE	OBESE
212	NALINA	15	F	9	G	37	MS	US	32	I	UE	B	P	1	4	UH	0	0	O	10.00	5.30	CLASS 4	40	156	69	16.44	0.44			
213	SHREEMATHI	15	F	9	G	43	PHS	F	35	MS	UE	D	P	1	4	UH	1.3	1	O	9.00	7.00	CLASS 3	40	156	69	16.44	0.44			
214	MANJU	13	F	9	G	40	D	F	38	D	P	G	P	1	4	UH	3.3	3	I	10.00	7.30	CLASS 1	50	152	74	21.64	0.49			
215	AFRIN ROSHINI	14	F	9	G	45	D	S	36	PHS	UE	D	P	1	4	UH	2	1	I	8.00	6.00	CLASS 3	49	165	75	18.00	0.45			
216	KALISHWARI	13	F	9	G	42	D	P	37	HS	UE	G	P	2	5	UH	4	3	I	9.00	7.30	CLASS 1	50	152	74	21.64	0.49			
217	MANGALESWARI	13	F	9	G	42	HS	F	37	HS	UE	B	G	2	5	H	0	0	I	10.00	5.30	CLASS 1	50	152	74	21.64	0.49			
218	PRIYANGA	14	F	9	G	40	PG	P	35	PG	UE	G	P	2	5	H	2	1	O	10.00	6.00	CLASS 1	49	165	70	18.00	0.42			
219	VAISHNAVI	14	F	9	G	40	D	P	35	PG	P	F	P	1	5	UH	2	2	O	10.00	6.30	CLASS 1	51	165	72	18.73	0.44			
220	VISHNUPRIYA	13	F	9	G	40	HS	S	35	PHS	UE	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 1	47	158	76	18.83	0.48			
221	SHAREENA JASMIN	15	F	9	G	54	D	F	48	HS	UE	G	P	2	5	UH	5	1	O	10.00	6.00	CLASS 2	50	161	80	19.29	0.50		OBESE	
222	ANUSHYA	14	F	9	G	42	PHS	S	32	HS	S	B	P	1	4	UH	3	1	I	10.00	6.30	CLASS 3	51	165	78	18.73	0.47		OBESE	
223	GNANA SOWNDARYA	13	F	9	G	45	PHS	F	40	HS	F	F	P	1	4	UH	2	1	O	9.00	6.30	CLASS 2	44	155	74	18.31	0.48			
224	LANSHYA THERASA	13	F	9	G	45	D	P	40	PHS	UE	G	G	1	4	H	3	2	I	9.00	6.00	CLASS 1	44	155	74	18.31	0.48			
225	SUBIKSHA	13	F	9	G	43	PHS	S	40	MS	UE	C	P	1	4	UH	3	1	O	9.00	6.30	CLASS 3	47	158	72	18.83	0.46			
226	SUSHMITHA	15	F	9	G	50	PG	F	43	D	UE	F	P	2	6	H	2	1	O	9.00	6.30	CLASS 2	50	161	76	19.29	0.47			
227	SHEVANTHIGA	13	F	9	G	43	D	F	32	PHS	UE	B	P	1	4	UH	3	1	O	9.00	6.00	CLASS 3	44	155	74	18.31	0.48			
228	HEMAPRIYA	14	F	9	G	40	PG	P	39	PHS	UE	G	P	1	4	UH	2	1	O	9.00	6.00	CLASS 1	43	153	74	18.37	0.48			
229	CHANDRI	13	F	9	G	42	D	P	36	D	UE	F	P	1	4	H	4	1	I	9.00	6.30	CLASS 1	40	159	69	15.82	0.43			
230	MOHANA	14	F	9	G	46	PG	P	40	PHS	UE	F	P	1	4	H	3	1	O	10.00	7.00	CLASS 1	37	155	71	15.40	0.46			
231	SUMITHRA	14	F	9	G	49	D	P	42	PHS	UE	G	P	1	4	UH	2	2	I	9.00	7.00	CLASS 1	49	164	77	18.22	0.47		OBESE	
232	YUHASINI	13	F	9	G	42	HS	S	36	HS	UE	C	P	1	7	UH	2	1	I	10.00	5.30	CLASS 1	40	159	69	15.82	0.43			
233	CHARULATHA	14	F	9	G	49	D	S	42	D	UE	G	GP	1	6	H	2	0	I	10.00	7.30	CLASS 4	49	164	77	18.22	0.47		OBESE	
234	PRAMIKA	14	F	9	G	40	D	P	35	D	UE	G	P	1	5	UH	2	1	O	10.00	7.00	CLASS 1	42	157	72	17.04	0.46			

235	SRI RANJANI	14	F	9	G	60	PHS	SP	49	HS	UE	B	P	2	5	UH	2	1	I	10.00	7.00	CLASS 3	43	153	74	18.37	0.48			
236	PAVITHRA	14	F	9	G	57	PHS	F	56	PHS	UE	C	P	1	6	UH	2	1	O	9.00	6.30	CLASS 3	41	161	76	15.82	0.47			
237	VINITHA	14	F	9	G	49	PHS	S	42	PHS	UE	C	P	1	4	H	2	2	O	11.00	7.00	CLASS 3	49	164	77	18.22	0.47		OBESE	
238	SWETHA	14	F	9	G	45	HS	F	32	HS	UE	B	P	1	4	UH	2	2	O	10.00	6.00	CLASS 3	43	152	74	18.61	0.49			
239	SANDHYA PRIYA	14	F	9	G	45	D	P	32	D	UE	G	P	0	3	H	4	2	O	10.00	7.30	CLASS 1	43	152	74	18.61	0.49			
240	HEMALATHA	14	F	9	G	40	PS	US	35	MS	F	C	P	0	3	UH	2	1	I	12.00	6.30	CLASS 3	42	157	72	17.04	0.46			
241	BEULAH	14	F	9	G	46	D	P	45	D	UE	E	P	1	4	H	2	1	I	10.00	6.30	CLASS 2	37	155	71	15.40	0.46			
242	JEEVITHA	14	F	9	G	60	D	F	49	D	UE	G	P	0	3	H	4	3	O	8.00	6.00	CLASS 2	43	153	74	18.37	0.48			
243	NEERAJA	14	F	9	G	46	PHS	F	45	HS	F	D	P	1	4	UH	2	1	O	8.00	6.00	CLASS 3	37	155	71	15.40	0.46			
244	AKSHAYA	14	F	9	G	54	PHS	F	48	PHS	UE	G	P	2	5	UH	4	2	I	12.00	7.30	CLASS 2	45	145	65	21.40	0.45			
245	HARINI	14	F	9	G	37	HS	S	36	HS	S	C	P	1	4	UH	2	2	I	10.00	7.00	CLASS 3	33	152	61	14.28	0.40			
246	BHUVANESHWARI	13	F	9	G	45	PG	SP	40	PHS	UE	C	P	0	4	UH	2	2	I	10.00	6.30	CLASS 2	36	160	66	14.06	0.41			
247	MRIDULA	14	F	9	G	46	D	SP	39	D	UE	D	P	1	4	H	2	1	O	10.00	6.30	CLASS 3	39	156	67	16.03	0.43			
248	SANDHYA	14	F	9	G	46	D	F	39	PG	P	G	P	1	4	H	2	2	I	10.00	7.30	CLASS 1	39	156	67	16.03	0.43			
249	SIVARANJANI	14	F	9	G	46	D	SP	41	D	SP	G	P	1	4	H	2	1	O	10.00	6.30	CLASS 4	41	157	68	16.63	0.43			
250	ABINAYA	14	F	9	G	41	HS	S	36	MS	UE	B	P	1	4	UH	2	0	I	10.00	5.30	CLASS 4	41	157	68	16.63	0.43			
251	DEEPALAKSHMI	14	F	9	G	57	D	SP	56	D	UE	F	P	1	6	H	2	1	I	9.00	7.30	CLASS 2	41	161	66	15.82	0.41			
252	CHITRA	14	F	9	G	42	D	S	39	D	S	G	P	1	4	UH	3	2	O	10.00	6.30	CLASS 2	44	153	70	18.80	0.46			
253	SANGEETHA	14	F	9	G	42	P	P	39	P	P	G	P	1	4	H	3	2	O	9.00	6.00	CLASS 1	44	153	70	18.80	0.46			
254	CHANDRIKA	15	F	9	G	46	HS	F	43	D	P	G	P	1	4	H	3	2	I	8.00	7.30	CLASS 2	30	150	68	13.33	0.45			
255	KOWSALYA	14	F	9	G	45	PHS	SP	38	PHS	UE	D	P	1	4	H	1.3	1	I	9.00	6.30	CLASS 3	38	155	66	15.82	0.43			
256	ASIFA	14	F	9	G	45	HS	F	38	HS	UE	D	P	1	4	H	1.3	1	I	9.00	6.30	CLASS 3	36	150	67	16.00	0.45			
257	SWETHA	14	F	9	G	49	HS	S	45	HS	UE	D	P	2	5	UH	1.3	1	I	7.30	5.30	CLASS 3	40	158	70	16.02	0.44			
258	SATHYA	14	F	9	G	46	HS	F	36	HS	UE	C	P	1	4	UH	2	1	I	9.00	6.30	CLASS 3	35	152	69	15.15	0.45			
259	SUVALAKSHMI	13	F	9	G	43	MS	S	32	PS	UE	C	P	2	5	UH	3	2	I	10.00	6.00	CLASS 4	34	155	66	14.15	0.43			
260	VIJAYALAKSHMI	15	F	9	G	46	HS	S	43	PS	UE	F	P	1	4	H	3	2	I	10.00	6.00	CLASS	30	150	68	13.33	0.45			
261	RAMYA DEVI	14	F	9	G	42	D	F	39	PHS	UE	D	P	2	5	H	1.3	1	I	9.00	7.30	CLASS 3	44	153	70	18.80	0.46			
262	FATHIMA ZAHARA	14	F	9	G	49	HS	S	45	HS	UE	B	P	4	7	UH	1.3	2	I	10.00	6.00	CLASS 2	40	158	70	16.02	0.44			
263	SHARMILA	14	F	9	G	45	D	F	33	HS	UE	F	P	1	4	UH	3	1	I	10.00	6.00	CLASS 2	41	155	68	17.07	0.44			
264	ANU	14	F	9	G	46	PHS	S	36	HS	UE	C	P	2	5	UH	2	2	O	10.00	6.00	CLASS 3	35	152	69	15.15	0.45			
265	NAYANISHA	14	F	9	G	36	HS	S	34	HS	S	G	P	1	4	UH	1.3	2	O	10.00	5.30	CLASS 2	37	145	66	17.60	0.46			
266	PRIYADHARSHINI	13	F	9	G	38	PHS	S	35	PHS	UE	D	P	1	4	H	1.3	1	O	9.00	6.30	CLASS 3	41	155	60	17.07	0.39			
267	HARIPRIYA	14	F	9	G	45	PS	-	35	MS	UE	B	P	1	3	UH	2	2	I	10.00	5.30	CLASS 4	41	155	68	17.07	0.44			
268	VAISHNAVI	14	F	9	G	42	MPS	S	38	HS	UE	C	P	1	4	UH	1.3	1	O	9.00	7.30	CLASS 3	38	155	66	15.82	0.43			

269	PRABHAVATHI	14	F	9	G	49	PHS	S	40	PS	UE	C	P	1	4	UH	2	3	I	10.00	5.30	CLASS 3	36	150	67	16.00	0.45			
270	JANANI	14	F	9	G	49	HS	S	40	PHS	UE	C	P	1	4	UH	1.3	2	I	10.00	7.30	CLASS 3	39	150	67	17.33	0.45			
271	SALEENA	14	F	9	G	49	PG	P	40	D	P	G	P	1	4	UH	1.3	1	O	9.00	6.00	CLASS 1	39	150	67	17.33	0.45			
272	SUBASHINI	13	F	9	G	45	HS	F	40	PS	UE	G	P	1	4	UH	1.3	1	O	10.00	5.30	CLASS 2	36	160	66	14.06	0.41			
273	CHANDRAKIRUPHA	14	F	9	G	45	PG	P	34	D	P	G	P	0	3	H	1.3	1	I	10.00	5.30	CLASS 1	45	148	68	20.54	0.46			
274	SHANMUGAPRIYA	15	F	9	G	46	PHS	F	39	PHS	UE	D	P	1	4	UH	0	0	I	9.00	7.00	CLASS 3	43	156	68	17.67	0.44			
275	MOWNIKAPRIYA	15	F	9	G	46	D	P	43	HS	UE	G	P	1	5	UH	3	2	O	8.00	6.30	CLASS 1	30	150	68	13.33	0.45			
276	ISHWARYA	14	F	9	G	57	PG	P	56	D	P	G	P	1	4	UH	3	2	O	9.00	6.30	CLASS 1	41	161	66	15.82	0.41			
277	BAVADHARANI	13	F	9	G	43	PG	P	32	D	UE	G	P	2	5	H	4	3	I	10.00	7.30	CLASS 1	34	155	56	14.15	0.36			
278	MOHANADEEPIKA	14	F	9	G	37	PHS	S	36	PHS	UE	F	P	0	3	UH	4	2	O	9.00	7.30	CLASS 2	33	152	61	14.28	0.40			
279	NAGADEVI	13	F	9	G	43	D	P	32	D	P	G	P	1	6	H	4	2	O	10.00	6.00	CLASS 1	34	155	66	14.15	0.43			
280	KAVIPRIYA	14	F	9	G	45	HS	US	34	MS	UE	D	P	1	4	UH	1.3	1	O	8.00	6.30	CLASS 4	45	148	68	20.54	0.46			
281	SATHYAVANI	13	F	9	G	38	PG	P	35	D	P	G	P	1	4	UH	3	1	O	1.00	6.30	CLASS 1	41	155	60	17.07	0.39			
282	KEERTHANA	14	F	9	G	40	PHS	S	35	HS	UE	E	P	2	5	UH	4	1	O	10.00	6.00	CLASS 3	48	156	76	19.72	0.49			
283	MUTHUMEENAKSHI	14	F	9	G	40	PHS	F	35	HS	UE	D	P	1	4	H	1.3	1	I	10.00	5.30	CLASS 3	48	156	74	19.72	0.47			
284	MYTHILI	14	F	9	G	39	PG	P	35	PG	UE	G	P	1	4	H	1.3	1	O	9.00	6.30	CLASS 1	51	160	70	19.92	0.44			
285	SNEGA	14	F	9	G	44	MS	US	38	HS	UE	C	P	1	4	UH	3	1	i	9.00	7.00	CLASS 4	52	150	80	23.11	0.53		OBESE	OBESE
286	ELAKKIYA	15	F	11	P	43	HS	F	40	D	UE	D	P	1	4	UH	6	4	I	11.00	6.00	CLASS 3	45	164	81	16.73	0.49		OBESE	
287	SURYA	15	F	11	P	48	HS	F	38	D	UE	G	P	1	4	UH	5	4	I	9.00	6.00	CLASS 2	49	170	81	16.96	0.48		OBESE	
288	KANIMOZHI	15	F	11	P	43	D	F	38	D	UE	G	P	2	5	UH	2	0	O	9.30	4.30	CLASS 2	39	153	51	16.66	0.33			
289	ADHITHI	15	F	11	P	48	P	P	38	D	UE	G	P	0	3	UH	3	0	I	8.00	5.00	CLASS 1	42	156	62	17.26	0.40			
290	RAKSHANA SIVAKUMAR	15	F	11	P	45	P	P	37	P	P	G	P	1	4	UH	1.3	0	I	7.00	5.00	CLASS 1	48	155	68	19.98	0.44			
291	LAKSHMI PRATHIBA	15	F	11	P	52	D	F	46	D	P	G	P	0	3	UH	4	4	O	11.00	4.00	CLASS 1	52	150	78	23.11	0.52		OBESE	OBESE
292	VAISHNAVI	15	F	11	P	44	D	P	42	D	P	G	P	0	3	UH	4	3	O	9.00	6.00	CLASS 1	52	165	68	19.10	0.41			
293	RTHARNIMATHI	15	F	11	P	45	P	P	35	D	UE	F	P	1	4	UH	4	0	I	11.00	6.00	CLASS 1	48	155	65	19.98	0.42			
294	ASHIFANA	15	F	11	P	41	HS	F	36	HS	UE	E	P	1	4	UH	3	0	I	10.00	5.30	CLASS 2	50	177	67	15.96	0.38			
295	VISHNU PRIYA	16	F	11	P	42	HS	F	40	HS	UE	F	P	0	5	UH	3	1	O	10.00	6.00	CLASS 2	43	162	79	16.38	0.49			
296	SOWMIYA	15	F	11	P	42	D	F	32	PHS	UE	F	P	1	4	UH	3	1	I	10.30	6.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE
297	KARUNYAVARSHINI	16	F	11	P	46	HS	F	36	HS	UE	G	P	1	4	UH	6	0	O	11.00	5.30	CLASS 2	58	163	78	21.83	0.48			
298	SOWMIYA	15	F	11	P	45	MS	F	40	HS	UE	E	P	1	5	H	3	1	O	10.30	6.00	CLASS 3	55	162	76	20.96	0.47			
299	PAVITHRA	15	F	11	P	40	HS	F	33	HS	UE	G	P	1	4	UH	6	3	I	11.30	4.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE
300	DHANUJA	15	F	11	P	47	PHS	F	37	PHS	UE	G	P	1	4	UH	5	3	I	11.30	6.05	CLASS 2	56	152	82	24.24	0.54		OBESE	OBESE
301	RUBIKA	15	F	11	P	45	PHS	F	35	PHS	UE	G	P	1	4	UH	5	3	O	11.30	6.00	CLASS 2	50	154	68	21.08	0.44			
302	DHARSHINI	15	F	11	P	42	HS	F	38	D	UE	G	P	0	3	UH	6	3	O	11.00	5.30	CLASS 2	56	160	70	21.88	0.44			

303	AKSHAYA BALA VENKATESH	15	F	11	P	41	P	F	39	PHS	UE	F	P	1	4	UH	5	0	I	10.30	5.00	CLASS 2	39	150	70	17.33	0.47				
304	MONISHA	15	F	11	P	48	P	F	42	HS	UE	D	P	1	4	UH	6	3	I	10.00	6.30	CLASS 2	50	152	71	21.64	0.47				
305	PLESSY MATHEW	15	F	11	P	44	D	P	42	D	UE	G	P	1	4	UH	3	1	O	11.30	6.00	CLASS 1	50	157	69	20.28	0.44				
306	ELAKKIYA	15	F	11	P	47	D	F	43	D	UE	F	P	1	5	H	3	1	I	11.00	7.00	CLASS 2	54	162	68	20.58	0.42				
307	SHOBANA	15	F	11	P	41	HS	F	38	HS	UE	G	P	1	4	UH	2	1	O	11.30	5.30	CLASS 3	50	163	66	18.82	0.40				
308	SRINITHI	15	F	11	P	39	HS	F	36	PHS	UE	H	P	0	3	H	1	0	O	9.30	5.00	CLASS 2	38	148	65	17.35	0.44				
309	SOWMIYA	15	F	11	P	38	HS	F	35	PHS	F	G	P	0	3	UH	4	1	I	11.00	4.30	CLASS 2	60	165	78	22.04	0.47		OBESE		
310	SHRUTHI	15	F	11	P	39	HS	F	36	PHS	UE	F	GP	1	4	UH	4	0	I	11.00	5.30	CLASS 2	38	158	63	15.22	0.40				
311	SARUMATHI	15	F	11	P	45	PHS	F	40	HS	UE	E	P	2	5	UH	3	2	O	10.00	6.00	CLASS 2	48	160	66	18.75	0.41				
312	LAVANYA	15	F	11	P	45	HS	F	40	HS	UE	G	P	2	5	UH	5	0	I	10.00	6.00	CLASS 2	45	156	65	18.49	0.42				
313	DEVADHARSHINI	15	F	11	P	45	PHS	F	38	PHS	UE	G	P	1	4	H	3	1	O	11.00	4.00	CLASS 2	40	150	65	17.78	0.43				
314	KEERTHANA	15	F	11	P	40	PHS	F	37	PHS	UE	G	P	1	5	H	1	0	O	11.00	5.00	CLASS 2	45	165	64	16.53	0.39				
315	PRIYADARSHINI	15	F	11	P	47	HS	F	45	HS	UE	F	P	1	4	UH	3	0	I	10.45	7.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE	
316	SOWBARNIYA	15	F	11	P	40	HS	F	35	D	SP	E	P	1	4	H	0	0	O	10.30	5.00	CLASS 2	48	165	65	17.63	0.39				
317	ANUSHIYA	15	F	11	P	48	HS	F	38	HS	UE	F	P	2	5	UH	0	0	I	10.00	4.00	CLASS 2	50	154	76	21.08	0.49				
318	NITHILA SARMUKI	15	F	11	P	47	HS	F	44	D	UE	G	P	1	4	UH	3	1	O	10.30	5.30	CLASS 2	50	158	67	20.03	0.42				
319	SADHANA	15	F	11	P	46	D	F	41	D	UE	G	P	1	6	UH	4	0	I	10.30	6.30	CLASS 2	54	159	92	21.36	0.58		OBESE	OBESE	
320	NANDHINI	15	F	11	P	55	PHS	F	53	HS	UE	G	P	0	3	UH	6	0	O	10.30	9.00	CLASS 2	58	165	92	21.30	0.56				
321	HARIDARSINI	15	F	11	P	45	HS	F	43	D	UE	E	P	0	3	H	0	0	O	10.30	5.00	CLASS 2	53	163	71	19.95	0.44				
322	BANU SREE	15	F	11	P	42	PHS	F	38	PHS	UE	E	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	56	165	79	20.57	0.48				
323	VINESHMA GRACY	15	F	11	P	41	D	F	35	D	UE	F	P	1	4	UH	0	0	I	10.30	4.00	CLASS 2	56	172	81	18.93	0.47				
324	NITHARSANA	15	F	11	P	54	HS	F	43	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	48	163	64	18.07	0.39				
325	KEERTHANA	15	F	11	P	38	D	F	37	PHS	UE	G	P	0	3	UH	G	2	O	9.30	8.00	CLASS 2	48	158	70	19.23	0.44				
326	VAISHNAVI	15	F	11	P	38	PHS	F	32	PHS	F	G	P	1	4	H	4	0	O	11.00	4.00	CLASS 2	45	160	66	17.58	0.41				
327	IDANYA	15	F	11	P	50	PHS	F	37	D	UE	E	P	1	4	UH	2	1	I	11.30	4.30	CLASS 2	51	148	76	23.28	0.51			OBESE	
328	RAGAVI	15	F	11	P	40	D	P	38	PHS	UE	G	P	1	4	UH	4	2	O/I	11.00	4.30	CLASS 1	36	152	63	15.58	0.41				
329	VAVUNIYA	15	F	11	P	51	PHS	F	38	I	UE	E	P	1	4	H	2	1	I	11.00	4.30	CLASS 3	46	152	65	19.91	0.43				
330	SOUNDARYA	15	F	11	P	49	D	P	38	D	UE	E	P	1	4	UH	3	3	I	11.30	6.00	CLASS 2	55	152	80	23.81	0.53		OBESE	OBESE	
331	INDHUMATHI	15	F	11	P	46	D	F	39	PHS	UE	E	P	2	5	H	1	1	O	9.00	6.30	CLASS 2	40	154	64	16.87	0.42				
332	KAVIMALAR	15	F	11	P	46	D	S	40	D	P	E	P	0	4	H	1	1	O	11.00	6.00	CLASS 2	43	160	64	16.80	0.40				
333	HARINI	13	F	8	P	42	D	F	40	D	S	G	P	1	4	H	0	0	I	10.00	4.30	CLASS 2	30	115	75	22.68	0.65		OBESE	OBESE	
334	HARSHINI	13	F	8	P	42	D	F	40	D	S	G	P	1	4	H	0	0	I	10.00	4.30	CLASS 2	35	125	73	22.40	0.58			OBESE	
335	SATHYAPRABHA	13	F	8	P	43	PHS	-	32	PHS	F	G	P	1	3	UH	3	1	I	11.00	7.30	CLASS 3	49	135	76	26.89	0.56		OBESE	OBESE	
336	KEERTHI	13	F	8	P	42	P	F	32	HS	F	F	P	1	4	UH	3	3	I	11.00	7.00	CLASS 2	40	120	75	27.78	0.63	OBESE	OBESE	OBESE	

337	JANANI	13	F	8	P	42	D	S	33	PHS	UE	F	P	1	6	UH	3	3	I	10.00	7.00	CLASS 2	45	128	76	27.47	0.59	OBESE	OBESE	OBESE
338	SAKTHI PRIYA	13	F	8	P	40	PHS	F	36	PHS	F	G	P	0	3	UH	1	1	I	9.30	5.00	CLASS 2	36	126	68	22.68	0.54			OBESE
339	NIKILA VICTOR	13	F	8	P	42	D	P	41	D	P	G	P	1	4	UH	0	0	I	9.30	5.30	CLASS 2	35	126	62	22.05	0.49			
340	MADUMITHA	13	F	8	P	42	PHS	F	36	PHS	UE	F	P	1	4	UH	3	3	I	10.00	6.00	CLASS 2	40	127	75	24.80	0.59		OBESE	OBESE
341	KAVYA	12	F	8	P	41	HS	F	40	MS	UE	G	P	1	4	H	0	0	O	9.45	4.30	CLASS 2	31	130	63	18.34	0.48			
342	RITHIKA	13	F	8	P	43	D	F	31	HS	F	G	P	1	6	H	0	0	I	10.00	5.00	CLASS 1	35	120	75	24.31	0.63	OBESE	OBESE	OBESE
343	SWEDHA	13	F	8	P	44	D	F	40	D	P	G	P	1	4	H	2	2	O	9.00	6.30	CLASS 1	31	120	60	21.53	0.50			OBESE
344	GAYATHRI	13	F	8	P	40	D	F	38	PHS	UE	F	P	2	5	UH	3	5	I	9.30	6.30	CLASS 2	40	135	76	21.95	0.56		OBESE	
345	DHIKSHANA	13	F	8	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	10.00	4.30	CLASS 2	35	125	59	22.40	0.47			
346	SATHYAJOTHI	13	F	8	P	39	D	S	37	D	SP	F	P	0	3	UH	1	1	I	9.30	5.00	CLASS 2	35	126	60	22.05	0.48			
347	SUNITHA	13	F	8	P	45	P	P	35	PHS	P	G	P	1	4	H	2	2	I	9.00	6.00	CLASS 1	38	128	74	23.19	0.58		OBESE	OBESE
348	KAVYA	14	F	8	P	45	HS	F	36	MS	UE	D	P	1	6	H	0	0	O	10.00	4.30	CLASS 3	41	135	60	22.50	0.44			
349	GOWSHIK SHREE	14	F	8	P	39	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 2	38	141	65	19.11	0.46			
350	KOWSALYA	14	F	8	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	39	145	64	18.55	0.44			
351	KAAVYA	12	F	8	P	42	HS	F	32	D	UE	F	P	1	4	UH	0	0	O	10.00	4.30	CLASS 2	32	120	59	22.22	0.49			
352	KIRUTHIKA	13	F	8	P	42	HS	F	31	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 2	36	127	62	22.32	0.49			
353	PRATHIKSHA	13	F	8	P	44	D	P	39	D	P	F	P	1	6	UH	2	1	I	10.00	6.00	CLASS 2	49	145	76	23.31	0.52		OBESE	
354	LAKSHITHA SHREE	13	F	8	P	40	PG	F	37	PG	UE	F	P	1	6	UH	3	1	I	9.30	5.30	CLASS 2	43	130	75	25.44	0.58		OBESE	OBESE
355	AHALYA	13	F	8	P	43	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 1	35	126	62	22.05	0.49			
356	SANGEETHA	14	F	9	P	48	HS	F	45	PHS	UE	D	P	1	4	H	3	1	O	10.00	4.45	CLASS 2	40	133	62	22.61	0.47			
357	VARSHINI	14	F	9	P	40	PG	P	32	PG	P	G	P	1	4	UH	2	1	O	10.00	5.45	CLASS 1	42	135	65	23.05	0.48			
358	PRIYANKA	13	F	9	P	46	D	F	42	D	F	F	P	1	6	UH	4	3	I	10.00	6.30	CLASS 2	74	159	80	29.27	0.50	OBESE	OBESE	OBESE
359	HEERA	13	F	9	P	42	D	F	30	PHS	UE	G	P	2	5	H	3	2	I	11.00	7.00	CLASS 2	50	130	76	29.59	0.58	OBESE	OBESE	OBESE
360	NANDHANA	14	F	9	P	43	D	F	37	PG	F	G	P	1	4	UH	4	3	I	10.15	6.00	CLASS 2	60	134	78	33.42	0.58	OBESE	OBESE	OBESE
361	KAVI BHARATHI	14	F	9	P	42	PHS	F	42	PHS	F	E	P	1	4	UH	2	3	I	10.15	6.30	CLASS 2	67	128	80	40.89	0.63	OBESE	OBESE	OBESE
362	ABHI VARSHINI	13	F	9	P	40	MS	S	32	MS	UE	F	P	1	4	UH	1	1	O	9.45	5.00	CLASS 3	35	135	65	19.20	0.48			
363	SANJANA SRI	14	F	9	P	42	D	P	39	D	P	G	P	0	5	H	0.45	1	O	9.30	6.30	CLASS 1	36	128	62	21.97	0.48			
364	NANDHITHA	14	F	9	P	43	D	F	40	D	UE	E	P	0	3	H	1	1	O	10.15	4.00	CLASS 2	40	125	74	25.60	0.59			
365	SATHURTHANA	13	F	9	P	43	MS	F	40	HS	UE	E	P	0	3	H	2	1	I	10.15	4.00	CLASS 2	42	125	75	26.88	0.60		OBESE	OBESE
366	SAMYUKTHA	14	F	9	P	42	PG	P	39	D	UE	G	P	1	4	UH	1	1	I	9.30	6.30	CLASS 1	40	138	68	21.00	0.49			
367	GAYATHRI	14	F	9	P	46	PHS	F	43	D	S	G	P	1	5	UH	3	1	O	9.30	5.00	CLASS 2	65	137	78	34.63	0.57	OBESE	OBESE	OBESE
368	AHALYA	14	F	9	P	46	PHS	S	42	HS	UE	F	P	1	4	UH	3	1	O	9.00	6.00	CLASS 2	52	135	79	28.53	0.59	OBESE	OBESE	OBESE
369	MADHUMITHA	13	F	9	P	48	PHS	S	37	PHS	UE	F	P	1	6	H	1	1	O	10.00	5.00	CLASS 2	32	125	59	20.48	0.47			
370	PRIYADARSHINI	12	F	9	P	43	PHS	F	40	PHS	UE	F	P	2	5	UH	4	1	I	10.00	5.00	CLASS 2	34	132	58	19.51	0.44			

371	SARANYA	13	F	9	P	37	D	F	37	D	F	F	P	1	4	H	1	1	O	10.00	4.00	CLASS 2	40	132	56	22.96	0.42			
372	PRATHIKSHA	14	F	9	P	42	D	F	38	PHS	UE	F	P	1	4	UH	3	1	O	10.30	6.00	CLASS 2	39	132	58	22.38	0.44			
373	SHARMILA	14	F	9	P	46	HS	S	36	D	UE	C	P	1	4	H	1	1	O	10.30	5.30	CLASS 4	40	132	58	22.96	0.44			
374	PRIYADHARSHINI	14	F	9	P	49	D	F	46	HS	S	D	P	1	4	UH	4	2	I	10.00	6.00	CLASS 3	47	126	77	29.60	0.61	OBESE	OBESE	OBESE
375	ISWARYA	14	F	9	P	46	PG	P	40	D	P	G	P	1	5	UH	4	2	I	10.00	6.30	CLASS 2	49	136	78	26.49	0.57		OBESE	OBESE
376	MADHUMITHA	13	F	9	P	47	HS	P	40	D	PS	G	P	1	4	UH	2	2	O	10.30	6.00	CLASS 2	40	138	64	21.00	0.46			
377	DIVYA	14	F	9	P	46	PHS	F	42	PHS	UE	G	P	1	4	UH	4	2	I	10.30	6.30	CLASS 2	36	130	60	21.30	0.46			
378	NARMATHA	15	F	9	P	45	PG	F	35	HS	S	G	P	0	3	UH	3	3	O	10.00	6.00	CLASS 2	40	132	62	22.96	0.47			
379	ANU SHREE	13	F	9	P	42	HS	F	35	HS	F	G	P	1	4	UH	4	2	I	9.45	5.00	CLASS 2	65	125	82	41.60	0.66	OBESE	OBESE	OBESE
380	VASUNDRA	14	F	9	P	42	PG	P	39	D	UE	G	P	1	4	UH	4	2	I	10.00	7.00	CLASS 2	53	135	79	29.08	0.59	OBESE	OBESE	OBESE
381	VIKASHINI	14	F	9	P	35	D	SP	34	PG	P	G	P	0	4	UH	4	3	I	10.00	6.00	CLASS 1	70	157	75	28.40	0.48	OBESE		
382	VALLIAMMAI	13	F	9	P	42	D	SP	32	PHS	UE	F	P	1	4	UH	2	2	O	10.30	6.00	CLASS 2	35	134	64	19.49	0.48			
383	SUDHARSANA	13	F	9	P	42	D	F	39	PHS	UE	F	P	1	4	UH	4	1	O	10.30	5.00	CLASS 2	36	128	63	21.97	0.49			
384	NIKILA	14	F	9	P	45	HS	S	39	PG	P	F	P	1	4	UH	2	2	O	10.00	4.15	CLASS 2	40	132	62	22.96	0.47			
385	SRE VARSHAN	14	F	9	P	40	D	F	34	D	UE	F	P	2	5	UH	3	2	I	10.15	4.30	CLASS 2	40	131	63	23.31	0.48			
386	ABINAYA	14	F	9	P	40	D	F	35	D	UE	E	P	1	6	UH	3	2	I	10.15	4.30	CLASS 2	36	126	60	22.68	0.48			
387	ABINAYA SHREE	14	F	9	P	41	PG	P	40	PG	P	G	P	1	4	UH	1	1	O	10.00	6.00	CLASS 1	40	130	61	23.67	0.47			
388	VISDHYA SRI	14	F	9	P	41	HS	F	39	HS	F	G	P	1	4	UH	3	1	I	10.00	5.00	CLASS 2	48	130	77	28.40	0.59	OBESE	OBESE	OBESE
389	SARANYA	14	F	9	P	40	HS	F	33	PHS	UE	G	P	2	5	UH	2	1	I	9.45	6.30	CLASS 2	59	128	80	36.01	0.63	OBESE	OBESE	OBESE
390	ISWARYA KAMATCHI	15	F	9	P	42	D	P	37	D	UE	G	P	1	4	UH	2	2	O	10.00	5.00	CLASS 2	42	140	62	21.43	0.44			
391	SUBHASHREE	14	F	10	P	45	D	F	39	D	UE	G	G	1	5	UH	0	0	O	11.00	5.00	CLASS 2	45	156	60	18.49	0.38			
392	KEERTHI SREE	14	F	10	P	44	D	SP	42	D	UE	E	P	1	4	UH	1	1	O	11.00	4.00	CLASS 2	50	152	62	21.64	0.41			
393	SRINILA	15	F	10	P	40	D	SP	38	D	SP	E	P	0	3	H	0	0	I	10.00	4.30	CLASSS 2	60	158	80	24.03	0.51		OBESE	OBESE
394	AASHIKA	14	F	10	P	46	PG	P	45	PG	P	G	P	0	3	H	1.3	1	O	12.00	4.00	CLASS 1	45	153	70	19.22	0.46			
395	SABEETHA	15	F	10	P	42	PHS	F	39	PHS	UE	D	P	1	4	H	2	2	O	10.30	4.00	CLASS 3	68	165	78	24.98	0.47		OBESE	
396	MEGALA	14	F	10	P	45	HS	F	42	HS	F	G	P	1	4	UH	1	0	I	12.00	5.00	CLASS 2	42	123	77	27.76	0.63	OBESE	OBESE	OBESE
397	NAMITHA	15	F	10	P	41	D	F	36	PHS	UE	G	P	1	6	UH	2	0	O	10.00	4.00	CLASS 2	45	155	68	18.73	0.44			
398	ISWARIYA	15	F	10	P	42	PHS	S	39	PHS	UE	F	P	1	4	H	4	2	O	10.30	5.00	CLASS 3	65	150	79	28.89	0.53	OBESE	OBESE	OBESE
399	PRIYADARSHINI	15	F	10	P	48	PHS	F	43	PHS	-	F	P	1	3	H	0	0	O	11.00	5.30	CLASS 3	45	165	60	16.53	0.36			
400	DHANUSHAA	14	F	10	P	59	HS	P	48	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	50	156	61	20.55	0.39			
401	AISWARYA LAKSHMI	14	F	10	P	48	D	P	43	HS	UE	F	P	1	4	UH	2	1	O	12.00	4.30	CLASS 2	50	158	62	20.03	0.39			
402	JAISHREE	15	F	10	P	50	D	F	41	PHS	UE	G	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	62	164	64	23.05	0.39			
403	KRITHIKA	15	F	10	P	50	D	F	40	D	SP	G	P	1	4	UH	0	0	O	11.30	5.00	CLASS 2	45	162	62	17.15	0.38			
404	PRIYADHARSHINI	15	F	10	P	39	PHS	P	36	D	UE	G	P	1	4	H	4	1	O	10.30	4.00	CLASS 2	40	145	60	19.02	0.41			

405	SANDHYA	15	F	10	P	47	PHS	F	39	PHS	F	D	P	0	3	H	4	1	I	11.30	5.00	CLASS 3	89	159	85	35.20	0.53	OBESE	OBESE	OBESE
406	NITHYASHREE	15	F	10	P	49	D	P	43	PG	P	G	P	1	4	UH	1	1	O	10.00	4.00	CLASS 2	35	160	61	13.67	0.38			
407	RITHIKA SHRI	15	F	10	P	40	D	P	35	D	UE	F	P	0	3	UH	2	1	O	11.30	4.30	CLASS 2	40	160	76	15.63	0.48			
408	PAVITHRA	14	F	10	P	43	D	S	36	D	UE	F	P	1	4	H	2	1	O	12.00	4.00	CLASS 3	50	162	62	19.05	0.38			
409	ABIRAMI	14	F	10	P	48	D	P	43	MS	UE	F	P	1	4	H	2	0	O	10.00	5.00	CLASS 2	58	155	80	24.14	0.52		OBESE	OBESE
410	ABIRAMI SRI	14	F	10	P	45	I	F	36	I	UE	D	P	1	4	H	4	1	O	9.00	6.00	CLASS 4	35	150	73	15.56	0.49			
411	PRIYADHARSHINI	14	F	10	P	45	D	P	42	D	P	F	P	1	4	H	5	0	I	10.00	4.00	CLASS 2	60	155	78	24.97	0.50		OBESE	OBESE
412	SUMETHA	13	F	10	P	41	PHS	F	30	HS	UE	F	P	1	4	UH	0	0	O	11.30	4.30	CLASS 3	41	135	66	22.50	0.49			
413	GOKILAVANI	14	F	10	P	48	D	P	43	PHS	UE	F	P	1	4	H	2	0	O	12.00	4.00	CLASS 2	43	143	66	21.03	0.46			
414	AKSHAYA BALA VENKATESH	15	F	10	P	59	D	P	56	HS	UE	F	P	0	3	H	0	0	I	11.30	5.00	CLASS 2	50	150	65	22.22	0.43			
415	AISHWARIYA	14	F	10	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	46	167	60	16.49	0.36			
416	CHRISTINA CATHRINE	15	F	10	P	43	D	F	43	D	SP	G	P	0	3	H	1	1	O	9.00	5.00	CLASS 1	45	164	61	16.73	0.37			
417	KAVINA	14	F	10	P	43	HS	F	36	HS	UE	F	P	1	4	H	2	1	I	9.30	5.00	CLASS 2	40	155	60	16.65	0.39			
418	NIVETHITHA	15	F	10	P	46	HS	F	36	HS	UE	F	P	1	4	UH	2	0	I	8.30	5.00	CLASS 2	52	148	81	23.74	0.55		OBESE	OBESE
419	SUVETHA	14	F	10	P	43	HS	F	43	D	UE	F	P	1	4	UH	1	1	I	10.00	6.00	CLASS 3	40	160	76	15.63	0.48			
420	SNEHA	15	F	10	P	40	D	P	38	D	P	F	P	1	4	H	0	0	O	11.00	4.30	CLASS 2	53	158	72	21.23	0.46			
421	RATHI BARGAVI	15	F	10	P	64	PHS	UE	63	HS	S	D	P	0	3	UH	4	0	O	10.30	4.00	CLASS 3	35	150	73	15.56	0.49			
422	ABAGNA	15	F	10	P	47	D	SP	41	D	P	G	P	1	4	H	1	1	I	10.00	5.00	CLASS 2	38	162	60	14.48	0.37			
423	KAVI PRIYA	15	F	10	P	40	HS	F	38	PHS	UE	F	P	1	4	H	1	0	O	10.45	4.15	CLASS 3	53	158	65	21.23	0.41			
424	JANA PRETHA	15	F	10	P	40	D	P	37	PHS	UE	F	P	1	4	UH	0	0	O	10.30	4.30	CLASS 2	42	155	66	17.48	0.43			
425	VISWAVARDHINI	15	F	10	P	48	PG	P	45	D	UE	G	P	2	5	H	0.3	1	I	10.00	4.45	CLASS 2	40	160	60	15.63	0.38			
426	ANUSRI	13	F	9	G	40	PHS	S	36	HS	US	B	P	1	4	UH	2	0	I	9.00	6.00	CLASS 4	41.6	144	68	20.06	0.47			
427	KANDHAYEE	15	F	9	G	45	MS	US	43	MS	US	B	P	1	4	UH	2	0	O	9.00	7.00	CLASS 4	25.2	140.5	56	12.77	0.40			
428	SANGEETHA	14	F	9	G	38	MS	US	36	MS	US	B	P	1	6	UH	3	3	I	9.00	6.00	CLASS 4	36.5	151	57	16.01	0.38			
429	PRIYADHARSHINI	14	F	9	G	42	MS	S	35	PS	UE	C	P	1	4	UH	5	2	O	9.00	5.00	CLASS 3	46.8	155	64	19.48	0.41			
430	MOHANAPRIYA	15	F	9	G	38	D	F	32	MS	UE	B	P	1	4	H	3	1	I	9.00	6.00	CLASS 3	33.7	148	54	15.39	0.36			
431	GOKILA	13	F	9	G	-	-	-	35	MS	S	C	P	1	5	UH	3	1	I	9.30	6.00	CLASS 3	38.5	145	59	18.31	0.41			
432	NANDHINI	13	F	9	G	39	MS	US	33	HS	US	C	P	1	4	UH	3	1	I	9.00	6.00	CLASS 3	41.7	142	60	20.68	0.42			
433	VEERAMANI	14	F	9	G	42	MS	US	33	MS	US	B	P	1	4	-	3	1	O	9.00	7.00	CLASS 4	34	157	59	13.79	0.38			
434	ARUNA	14	F	9	G	39	PHS	US	30	MS	US	C	P	0	3	UH	5	3	O	9.00	6.00	CLASS 3	49	156	60	20.13	0.38			
435	ARTHIKA	13	F	9	G	48	HS	US	45	MS	US	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 3	46.2	160	61	18.05	0.38			
436	NITHYA	15	F	9	G	40	MS	US	30	MS	UE	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 2	43.2	152	62	18.70	0.41			
437	ARTHI	14	F	9	G	43	PHS	US	42	PS	US	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	44.6	149	63	20.09	0.42			
438	DEVI	14	F	9	G	45	PS	US	38	PHS	US	C	P	1	5	UH	2	1	O	9.00	6.00	CLASS 3	36.5	158	55	14.62	0.35			

439	PONNARASI	15	F	9	G	45	HS	F	42	PS	F	B	P	3	9	UH	5	3	O	9.00	5.00	CLASS 4	40.2	150	63	17.87	0.42			
440	MOHAMMADHREE	15	F	9	G	42	PS	US	38	PS	US	B	P	1	4	UH	0	0	O	10.00	7.00	CLASS 4	33.1	147	60	15.32	0.41			
441	VENNILA	15	F	9	G	39	MS	US	39	IL	US	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 4	55	158	76	22.03	0.48			
442	HEMAN	11	M	6	G	41	PHS	US	38	MS	US	B	P	1	4	UH	0	0	O	9.00	6.00	CLASS 4	28.5	135	49	15.64	0.36			
443	MANIKANDAN	12	M	6	G	41	PS	S	43	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	30.5	137	53	16.25	0.39			
444	VIVEK	12	M	6	G	33	PHS	S	32	HS	UE	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	30.8	151	53	13.51	0.35			
445	SATHISWARAN	11	M	6	G	43	HS	S	34	HS	S	B	P	2	5	UH	0	0	O	8.00	7.00	CLASS 3	29.2	143	51	14.28	0.36			
446	GANESH	12	M	6	G	39	MS	S	37	MS	UE	B	P	1	4	UH	5	3	O	10.00	8.00	CLASS 4	35	136	58	18.92	0.43			
447	KARNAN	11	M	6	G	50	MPS	UE	49	PS	US	B	P	1	5	UH	5	3	O	10.00	6.00	CLASS 4	23	121	51	15.71	0.42			
448	MUKILAN	11	M	6	G	38	PHS	S	38	PHS	S	C	P	2	5	UH	4.5	2	O	10.00	6.00	CLASS 3	24	129	51	14.42	0.40			
449	GOWSIK	11	M	6	G	50	MS	UE	35	HS	US	B	P	1	4	UH	6	3	O	10.00	6.00	CLASS 4	22.5	130	50	13.31	0.38			
450	VISHWAPANDIAN	12	M	6	G	40	D	S	35	MS	US	C	P	1	4	UH	6	3	O	11.00	6.00	CLASS 3	31.8	141	54	16.00	0.38			
451	SOWNYAI	13	F	6	G	37	D	S	35	IL	S	B	P	2	5	-	1	0	I	8.00	6.00	CLASS 3	38.5	144	59	18.57	0.41			
452	ADHILAKSHMI	11	F	6	G	38	HS	S	33	MS	S	C	P	0	4	-	1	1	I	9.00	6.00	CLASS 3	32.9	133	61	18.60	0.46			
453	JOTHILAKSHMI	11	F	6	G	46	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	25	130	49	14.79	0.38			
454	CHARU NETHRA	11	F	6	G	47	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	29.6	143	53	14.48	0.37			
455	PRADEPA	11	F	6	G	45	PHS	S	37	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	24.7	134	50	13.76	0.37			
456	LILLA	12	F	6	G	38	HS	S	36	MS	S	C	P	2	5	UH	9	3	O	10.00	6.00	CLASS 3	30	143	54	14.67	0.38			
457	YUVASHREE	11	F	6	G	37	HS	S	36	HS	UE	C	P	1	5	UH	1	1	I	11.00	5.00	CLASS 3	27.7	137	54	14.76	0.39			
458	DIVYA	12	F	6	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	6	3	I	9.00	6.00	CLASS 4	31	131	55	18.06	0.42			
459	MANISHA	15	F	8	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	36.6	160	52	14.30	0.33			
460	SONAL	14	F	8	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	30.3	146	51	14.21	0.35			
461	YAZHINI	13	F	8	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	48.5	153	60	20.72	0.39			
462	SARMILA	14	F	8	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	40	156	57	16.44	0.37			
463	MAHESWARI	13	F	8	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	43.5	159	57	17.21	0.36			
464	SUJI	12	F	8	G	36	MS	US	35	MS	US	B	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	32	141	52	16.10	0.37			
465	NANDHINI	13	F	8	G	36	MS	US	35	MS	US	C	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	34.7	141	59	17.45	0.42			
466	SANDHIYA	13	F	8	G	42	IL	US	35	IL	US	B	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	32.5	142	58	16.12	0.41			
467	HAZEENA	13	F	8	G	34	MS	S	33	PHS	UE	C	P	1	4	UH	2	1	O	8.30	6.00	CLASS 3	40.9	151	57	17.94	0.38			
468	RAJESWARI	13	F	8	G	40	MS	S	38	MS	UE	B	P	2	5	UH	2	1	O	9.30	6.00	CLASS 3	37	142	58	18.35	0.41			
469	SRIDEVI	13	F	8	G	40	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	42.7	147	62	19.76	0.42			
470	ISHWARYA	13	F	8	G	40	HS	US	35	MS	US	B	P	0	3	UH	12	3	O	8.00	6.00	CLASS 4	36.1	141	56	18.16	0.40			
471	SWETHA	13	F	8	G	40	HS	S	38	MS	US	C	P	0	3	UH	2	1	O	9.30	5.30	CLASS 3	55.8	144.5	82	26.72	0.57		OBESE	OBESE
472	POOJA	12	F	7	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	6	3	I	9.00	6.00	CLASS 4	22.7	127	47	14.07	0.37			

473	TAMILARASI	11	F	7	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	29.5	135	51	16.19	0.38			
474	ABIRAMI	12	F	7	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	28.6	145	47	13.60	0.32			
475	MONISHA	13	F	7	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	6	2	I	9.00	6.00	CLASS 4	25	127	48	15.50	0.38			
476	SANTHARA	13	F	7	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	40.4	152	55	17.49	0.36			
477	RESHMA	14	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	37	149	59	16.67	0.40			
478	ABITHA	12	F	7	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	26.4	141	47	13.28	0.33			
479	KIRUTHIKA LAKSHMI	12	F	7	G	45	MS	US	40	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	25	137	47	13.32	0.34			
480	GAYATHRI	12	F	7	G	40	HS	US	36	PS	UE	B	P	2	5	UH	2	1	I	9.00	7.00	CLASS 4	43.6	141	71.7	21.93	0.51		OBESE	OBESE
481	KOWSALYA	12	F	7	G	42	MS	F	34	MS	S	C	P	1	4	UH	0	0	O	11.00	6.00	CLASS 3	30.2	130	51	17.87	0.39			
482	DIVYA	12	F	7	G	64	HS	UE	59	PS	US	C	P	0	2	UH	3	2	O	1.00	7.00	CLASS 4	27.6	136	48	14.92	0.35			
483	NANDHINI	12	F	7	G	34	MS	S	36	MS	S	B	P	1	4	-	1	0	O	11.00	6.00	CLASS 3	30.2	140	51	15.41	0.36			
484	DHANYALAKSHMI	12	F	7	G	36	HS	F	33	MS	US	D	P	1	4	-	2	0	I	11.00	7.00	CLASS 3	34.2	142	55	16.96	0.39			
485	KAVIYA	12	F	7	G	54	PHS	F	45	HS	F	C	P	1	4	UH	0.3	0	I	10.30	6.00	CLASS 3	23.7	129	49	14.24	0.38			
486	ADITH	13	M	7	G	50	D	S	45	IL	UE	E	P	1	3	-	2	1	I	9.00	5.00	CLASS 3	39.7	144	51	19.15	0.35			
487	NAVEEN KUMAR	12	M	7	G	47	PHS	S	43	HS	UE	C	P	1	4	UH	1	0	O	10.00	8.00	CLASS 3	28.4	136	53	15.35	0.39			
488	SATHVEER	13	M	7	G	31	PHS	S	30	HS	UE	C	P	2	5	UH	1	0	I	10.00	7.00	CLASS 3	39.3	154	56	16.57	0.36			
489	VIGNESH	11	M	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	25	143	45	12.23	0.31			
490	AMEER BASHA	12	M	7	G	32	MS	US	31	HS	UE	B	P	1	4	UH	1	3	I	9.30	7.00	CLASS 4	29.5	140	55	15.05	0.39			
491	ROSHAN	12	M	7	G	42	MS	US	32	D	UE	C	P	1	4	UH	0.2	1	I	9.00	6.00	CLASS 4	26.5	135	44	14.54	0.33			
492	DHANUSH	12	M	7	G	47	PS	S	37	HS	UE	C	P	2	5	UH	1	1	O	9.30	6.30	CLASS 3	34.5	140	57	17.60	0.41			
493	SASIKUMAR	12	M	7	G	35	MS	US	30	MS	UE	C	P	1	5	UH	8	3	O	10.00	7.00	CLASS 4	33.6	148	55	15.34	0.37			
494	VIDNESHWARAN	12	M	7	G	45	PHS	S	40	MS	UE	C	P	2	4	UH	1	1	O	10.00	6.30	CLASS 3	40.3	133	72	22.78	0.54		OBESE	OBESE
495	VISHNUWARTHAN	11	M	7	G	34	HS	S	30	HS	S	C	GP	1	4	UH	1	1	I	10.00	6.00	CLASS 4	44.2	151	64	19.39	0.42			
496	KIRISHTOBER	12	M	7	G	43	MS	S	32	PS	UE	B	P	3	4	UH	0.1	1	I	10.00	7.00	CLASS 4	27.8	136	51	15.03	0.38			
497	SARAN	13	M	8	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	31.2	141	59	15.69	0.42			
498	KARAN	13	M	8	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	33	143	53	16.14	0.37			
499	SARAN	13	M	8	G	47	MS	UE	50	MS	US	B	P	1	4	UH	6	3	O	9.00	6.00	CLASS 4	37	142	68	18.35	0.48			
500	ILAIYARAJA	13	M	8	G	36	PS	S	35	IL	UE	B	P	2	5	UH	7	3	O	10.00	8.00	CLASS 4	29	144	57	13.99	0.40			
501	PASUBATHI	13	M	8	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	40	153	62	17.09	0.41			
502	ARJUN	12	M	8	G	42	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	30.1	148	55	13.74	0.37			
503	SURYA	12	M	8	G	42	MS	S	31	PS	US	C	P	2	5	UH	2	0	I	10.00	9.00	CLASS 3	39.4	148	68	17.99	0.46			
504	SAMUVEL PRABHU	12	M	8	G	40	MS	S	30	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	26.2	132	52	15.04	0.39			
505	LARANS	13	M	8	G	42	PS	S	40	HS	S	C	P	3	6	UH	1	1	O	9.00	4.00	CLASS 3	36.4	148	62	16.62	0.42			
506	AJITH	14	M	8	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	41	143	67	20.05	0.47			

507	SAKTHI VIGNESH	14	M	8	G	50	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	39.2	155	59	16.32	0.38			
508	DINESH	13	M	8	G	40	PS	S	36	MS	S	B	P	1	3	UH	3	2	O	10.00	4.30	CLASS 4	37	144	62	17.84	0.43			
509	SOWNDAR RAJ	13	M	8	G	35	MS	S	30	MS	US	C	P	1	4	UH	2	1	O	10.00	6.00	CLASS 4	30	134	54	16.71	0.40			
510	SANGAMESHWARAN	13	M	8	G	34	PS	S	32	PS	UE	C	P	0	3	UH	2	0	O	9.00	6.30	CLASS 4	47.5	147	72	21.98	0.49			
511	NAVEENKUMAR	12	M	8	G	55	PHS	S	52	IL	US	B	P	1	5	UH	6	3	I	9.00	6.00	CLASS 4	56	151	82	24.56	0.54		OBESE	OBESE
512	KARTHIK	13	M	8	G	40	PS	US	30	IL	US	C	P	3	6	-	1	1	O	9.00	6.00	CLASS 4	44	151	78	19.30	0.52		OBESE	OBESE
513	RAHUL	14	M	8	G	48	D	S	33	IL	UE	E	P	1	4	-	1	0	I	9.00	7.00	CLASS 3	54	153	84	23.07	0.55		OBESE	OBESE
514	HARISH	13	M	8	G	46	MS	S	36	HS	UE	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	46	140	72	23.47	0.51			OBESE
515	MAHALIMGAM	13	M	8	G	43	PS	S	35	PS	US	B	P	2	5	UH	2	2	O	10.00	8.00	CLASS 4	27	133	47	15.26	0.35			
516	SUMAN	15	M	9	G	48	D	US	42	HS	US	B	G	2	3	-	2	0	O	10.00	6.00	CLASS 4	49.2	173	71	16.44	0.41			
517	SOWDAR RAJ	14	M	9	G	37	PS	UE	29	PS	US	C	P	1	4	UH	2	1	I	8.30	6.30	CLAAS 3	30.3	150	50	13.47	0.33			
518	THAMAIKANNAN	14	M	9	G	54	MS	US	50	PS	US	C	P	1	4	UH	1	1	O	11.00	6.30	CLASS 4	30	152	58	12.98	0.38			
519	RAJA	15	M	9	G	36	PS	US	36	PS	US	B	P	2	5	H	2	1	O	11.00	6.00	CLASS 4	42.5	162	64	16.19	0.40			
520	RUBAVIGNESH	14	M	9	G	42	MS	S	35	MS	UE	D	P	0	3	UH	5	3	O	9.00	5.00	CLASS 3	31.2	137	57	16.62	0.42			
521	ARAVINTH	15	M	9	G	42	IL	US	38	IL	US	B	P	2	5	UH	2	0	O	9.00	6.00	CLASS 4	36.4	160	63	14.22	0.39			
522	RAMESH	15	M	9	G	50	HS	S	60	MS	UE	C	P	1	4	UH	2	1	O	9.00	6.00	CLASS 4	41.3	161	62	15.93	0.39			
523	SURESHBABU	14	M	9	G	80	IL	US	67	IL	US	B	P	0	3	UH	6	3	O	9.00	6.00	CLASS 4	56	162	74	21.34	0.46			
524	VASANTH	15	M	9	G	49	HS	F	38	MS	UE	C	P	3	6	UH	0	0	O	10.00	6.00	CLASS 4	51	163	69	19.20	0.42			
525	RANGANATHAN	14	M	9	G	40	PS	US	35	MS	US	C	P	2	5	UH	5	2	O	9.00	6.00	CLASS 4	35.6	162	60	13.57	0.37			
526	MUKESH	14	M	9	G	40	MS	S	38	MS	US	C	P	1	4	UH	5	3	O	11.00	6.00	CLASS 3	31.5	155	53	13.11	0.34			
527	JEEVA	13	M	9	G	-	-	-	38	HS	US	B	P	1	4	UH	3	1	O	8.30	6.00	CLASS4	39.5	156	67	16.23	0.43			
528	SELLAPPAN	14	M	9	G	40	IL	US	39	IL	US	C	P	2	3	UH	3	0	O	9.00	8.00	CLASS 4	30.1	147	55	13.93	0.37			
529	ANANDH	15	M	9	G	41	HS	US	31	MS	US	B	P	1	7	UH	7	3	O	9.00	6.00	CLASS 4	28.5	145	53	13.56	0.37			
530	BASKAR	15	M	9	G	42	MS	F	39	MS	UE	D	P	1	4	UH	6	3	O	9.00	6.00	CLASS 3	45.3	165	67	16.64	0.41			
531	MOHAMMAD RIYAS	14	M	9	G	-	-	-	37	HS	S	C	P	1	4	UH	3	0	O	10.00	7.00	CLASS 4	29.7	151	57	13.03	0.38			
532	BARANI	14	M	9	G	42	IL	US	32	IL	US	C	P	1	4	UH	5	2	O	9.30	6.00	CLASS 4	31.6	145	51	15.03	0.35			
533	ARAVINTH	13	M	9	G	49	HS	F	38	MS	F	C	P	3	6	UH	3	1	O	10.00	7.00	CLASS4	62.2	155	86	25.89	0.55		OBESE	OBESE
534	SAKTHI	15	M	9	G	40	MS	S	35	PS	UE	C	P	2	5	UH	3	1	O	9.00	6.00	CLASS 4	71.3	168	87	25.26	0.52		OBESE	OBESE
535	KASI VISWANATHAN	15	M	10	G	39	PS	US	38	PS	US	C	P	1	4	UH	4	1	O	10.00	6.30	CLASS 4	41.6	161	59	16.05	0.37			
536	SUBASH	15	M	10	G	43	D	P	38	HS	UE	D	P	2	5	-	1	2	I	9.30	6.00	CLASS 3	63	159	82	24.92	0.52			OBESE
537	AJITH	15	M	10	G	46	MS	US	36	PS	US	D	P	0	5	UH	1	3	O	9.00	5.00	CLASS 3	36.9	141	60	18.56	0.43			
538	SAKTHIVEL	14	M	10	G	48	MS	US	45	IL	US	B	P	0	3	UH	0.3	2	O	8.00	6.00	CLASS 4	38	151	55	16.67	0.36			
539	SHAJEK	15	M	10	G	38	PS	F	34	HS	F	D	P	1	4	UH	2	1	I	10.00	5.00	CLASS 3	46.6	160	68	18.20	0.43			
540	SIVASAKTHI	15	M	10	G	36	MS	US	34	HS	US	E	P	1	4	UH	3	1	I	7.00	6.00	CLASS 3	39.5	162	61	15.05	0.38			

541	SABARI MENAGARAJ	14	M	10	G	38	D	F	34	HS	UE	C	P	2	5	UH	2	1	O	9.00	7.30	CLASS 4	50.3	161	71	19.41	0.44			
542	PRABHU	15	M	10	G	40	PS	US	38	PS	US	B	P	1	4	UH	2	1	I	10.00	6.00	CLASS 4	30.9	159	61	12.22	0.38			
543	PRADAP	15	M	10	G	40	PS	US	38	PS	US	C	G	4	6	UH	3	3	O	9.00	6.00	CLASS 4	41.4	152	61	17.92	0.40			
544	ARJUN	14	M	10	G	38	PS	US	35	PS	US	D	P	0	5	UH	2	2	O	9.00	6.00	CLASS 3	36	142	59	17.85	0.42			
545	KARTHIKEYAN	15	M	10	G	48	MS	US	41	HS	US	C	P	0	3	UH	-	-	O	8.30	6.00	CLASS 4	53.4	170	72	18.48	0.42			
546	RAJASEKAR	15	M	10	G	38	MS	US	35	PS	US	D	G	0	8	UH	1	1	O	8.00	6.00	CLASS 3	39.3	152	58	17.01	0.38			
547	MANIKANDAN	14	M	10	G	56	PS	US	38	PS	US	E	P	2	5	UH	5	3	O	10.30	7.30	CLASS 3	31.7	159	59	12.54	0.37			
548	YOGARAJ	15	M	10	G	46	MS	US	37	PS	US	C	P	1	4	H	2	1	O	11.00	6.00	CLASS 4	33.7	159	60	13.33	0.38			
549	PRASATH	15	M	10	G	-	-	-	42	HS	US	C	P	1	3	UH	2	2	O	9.00	6.00	CLASS 4	32.7	143	60	15.99	0.42			
550	GOKULA KRISHNAN	15	M	10	G	48	D	US	35	MS	US	C	P	1	4	UH	2	2	O	11.30	5.00	CLASS 4	40.6	158	66	16.26	0.42			
551	RAJAGURU	15	M	10	G	38	HS	S	32	HS	UE	C	P	3	8	UH	1	-	O	9.00	6.00	CLASS 4	53.1	157	76	21.54	0.48			OBESE
552	SIVARAMAN	15	M	10	G	58	PS	US	36	PS	US	C	P	1	7	UH	1	2	O	8.00	5.00	CLASS 4	41	148	68	18.72	0.46			
553	DHANAPAL	15	M	10	G	45	MS	US	35	HS	US	A	P	0	7	UH	1	0	O	1.00	6.00	CLASS 4	35.5	159	58	14.04	0.36			
554	KARANESH	15	M	10	G	42	MS	US	36	PS	US	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 4	61.9	168	73	21.93	0.43			
555	PADAIYAPPA	15	M	10	G	49	IL	US	39	IL	US	C	P	4	7	UH	-	-	O	9.00	6.00	CLASS 4	51.8	164	70	19.26	0.43			
556	PRABHU	15	M	10	G	36	HS	US	28	MS	US	E	P	1	4	UH	2	2	O	10.00	6.30	CLASS 3	44	167	64	15.78	0.38			
557	NAGARAJ	15	M	10	G	32	HS	US	31	PHS	US	C	P	1	4	UH	3	2	O	9.30	7.30	CLASS 4	46	160	62	17.97	0.39			
558	POUNRAJ	15	M	10	G	62	IL	US	40	IL	US	D	P	2	5	UH	2	2	O	10.30	7.00	CLASS 4	55.4	166	68	20.10	0.41			
559	KANNAN	15	M	10	G	36	HS	S	33	MS	UE	G	P	1	4	UH	2	2	O	11.00	7.00	CLASS 3	42.2	160	60	16.48	0.38			
560	MARIKANI	15	M	10	G	45	IL	US	37	IL	US	E	P	0	5	UH	2	1	O	11.00	7.00	CLASS 3	50	175	68	16.33	0.39			
561	SURESH KRISHNA	15	M	10	G	40	MS	US	36	PS	US	C	P	1	4	-	-	-	O	10.00	6.30	CLASS 4	44.6	162	64	16.99	0.40			
562	ARAVINDH	15	M	10	G	58	HS	S	45	HS	UE	E	P	1	5	UH	2	2	O	10.30	7.00	CLASS 3	44	161	60	16.97	0.37			
563	GOKUL	15	M	10	G	52	MS	US	45	PS	UE	D	P	0	3	UH	3	2	O	10.00	6.30	CLASS 4	48	172	71	16.22	0.41			
564	KAMATCHINATHAN	15	M	10	G	50	HS	US	40	PS	UE	C	P	2	5	UH	3	2	O	11.00	6.30	CLASS 4	54.5	176	71	17.59	0.40			
565	RONALD	15	M	10	G	45	D	S	34	HS	UE	E	P	1	4	UH	2	1	O	10.00	5.00	CLASS 3	35.9	159	61	14.20	0.38			
566	MANIKANDAN	15	M	10	G	40	IL	US	38	IL	UE	E	P	2	4	UH	3	2	O	11.00	6.30	CLASS 3	65	169	83	22.76	0.49		OBESE	OBESE
567	BALAKUMAR	15	M	10	G	45	HS	US	42	MS	US	D	P	0	2	UH	2	3	O	9.00	6.00	CLASS 3	53.1	151	83	23.29	0.55		OBESE	OBESE
568	HARSHITHA	14	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	37	149	59	16.67	0.40			
569	GAYATHRI	15	F	11	P	39	D	P	36	HS	UE	E	P	0	3	UH	1	0	O	11.00	5.00	CLASS 2	54	155	65	22.48	0.42			
570	MATHU	15	F	11	P	47	HS	F	45	HS	UE	G	P	0	3	H	1	1	O	10.30	5.00	CLASS 1	53	159	63	20.96	0.40			
571	MONISHWARI	15	F	11	P	47	HS	F	42	HS	UE	D	P	1	4	H	1	0	O	10.30	4.30	CLASS 3	54	149	61	24.32	0.41			
572	KANISHKA	15	F	11	P	43	D	P	39	D	P	F	P	1	4	H	2	1	O	9.00	4.30	CLASS 2	40	153	58	17.09	0.38			
573	SUMITHRA	15	F	11	P	49	HS	F	39	HS	F	G	P	1	6	H	1	2	O	10.00	4.30	CLASS 3	60	166	65	21.77	0.39			
574	MALINE	15	F	11	P	44	D	P	38	D	P	G	P	0	3	UH	3	0	O	10.30	4.30	CLASS 1	49	159	60	19.38	0.38			

575	ANUSHIYA	15	F	11	P	46	D	P	37	HS	F	G	P	1	4	UH	0	0	O	10.30	4.30	CLASS 1	44	150	68	19.56	0.45			
576	DEVADARSHINI	15	F	11	P	50	PHS	F	44	PHS	F	G	P	0	3	H	2	2	I	9.30	6.00	CLASS 2	42	149	65	18.92	0.44			
577	SNEHA SREE	15	F	11	P	50	D	P	46	D	UE	G	P	1	4	UH	1	1	O	11.30	6.00	CLASS 2	40	150	57	17.78	0.38			
578	JAYASRI	15	F	11	P	42	HS	F	38	HS	F	G	P	1	4	UH	0	0	O	11.00	4.30	CLASS 3	48	154	60	20.24	0.39			
579	PRIYADARSHII	15	F	11	P	42	D	F	36	D	UE	G	P	1	4	UH	1	2	O	9.30	5.00	CLASS 2	45	148	65	20.54	0.44			
580	ADITHI	15	F	11	P	50	D	F	42	D	F	G	P	1	4	UH	3	2	I	11.00	7.00	CLASS 2	60	150	78	26.67	0.52	OBESE	OBESE	OBESE
581	NITHI NANDHA	15	F	11	P	50	D	F	38	D	F	G	P	1	4	UH	0	0	I	11.00	7.00	CLASS 2	61	152	79	26.40	0.52	OBESE	OBESE	OBESE
582	ANITHA	15	F	11	P	42	HS	F	34	HS	UE	G	P	1	4	H	3	2	O	11.00	5.30	CLASS 2	42	156	65	17.26	0.42			
583	DEEPALAKSHMI	15	F	11	P	42	PS	F	37	MS	UE	G	P	1	4	UH	3	1	O	10.30	4.00	CLASS 2	44	149	68	19.82	0.46			
584	PRADHARSANA	15	F	11	P	48	PG	F	39	PG	UE	G	P	1	4	UH	2	2	I	10.00	5.00	CLASS 3	44	162	65	16.77	0.40			
585	MADHUVATHANA	15	F	11	P	50	D	F	49	D	P	G	P	1	4	UH	4	3	I	10.30	5.30	CLASS 2	63	155	78	26.22	0.50	OBESE	OBESE	OBESE
586	KAVYA	15	F	11	P	44	HS	F	34	PHS	UE	G	P	1	4	H	0	0	O	10.00	4.00	CLASS 3	38	152	64	16.45	0.42			
587	ISWARIYA	15	F	11	P	42	HS	S	36	PHS	UE	F	P	1	4	UH	1	2	O	10.00	4.30	CLASS 3	45	152	70	19.48	0.46			
588	SAMRAKSHANA	15	F	11	P	40	D	F	39	D	P	G	P	1	6	H	0	0	O	10.00	5.30	CLASS 2	40	152	65	17.31	0.43			
589	SRUTHI	15	F	11	P	48	HS	S	45	HS	UE	F	P	0	3	UH	2	1	I	10.30	6.30	CLASS 3	60	154	78	25.30	0.51		OBESE	
590	ADHARSHINI	15	F	11	P	46	D	F	43	PG	UE	G	P	1	4	H	1	0	O	10.30	5.30	CLASS 2	56	160	68	21.88	0.43			
591	SILAMBARASAN	15	M	11	P	43	MS	S	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	42	160	63	16.41	0.39			
592	KARTHIK	15	M	11	P	58	PHS	S	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 3	40	157	57	16.23	0.36			
593	MAHESH	15	M	11	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	40	155	56	16.65	0.36			
594	NIKILAN	15	M	11	P	40	HS	S	35	D	UE	D	P	1	4	UH	4	2	I	11.00	7.00	CLASS 3	45	155	65	18.73	0.42			
595	KARNAN	15	M	11	P	38	HS	US	36	HS	UE	C	P	1	4	UH	4	1	O	8.00	5.00	CLASS 4	36	147	58	16.66	0.39			
596	RAJKUMAR	15	M	11	P	39	PS	F	29	HS	UE	C	P	2	5	UH	2	1	O	9.00	5.00	CLASS 3	40	155	65	16.65	0.42			
597	CHANDRU	15	M	11	P	42	PHS	S	38	HS	UE	D	P	1	8	UH	2	0	O	9.30	6.00	CLASS 3	38	145	59	18.07	0.41			
598	THARUN	15	M	11	P	38	MS	S	35	HS	UE	B	P	1	4	H	2	0	I	10.00	7.00	CLASS 2	38	145	54	18.07	0.37			
599	SANTHOSH	15	M	11	P	40	MS	F	35	PS	UE	F	P	2	5	UH	3	1	O	9.00	6.00	CLASS 3	65	160	82	25.39	0.51		OBESE	OBESE
600	SHRI GANESH	15	M	11	P	45	PHS	F	35	PHS	UE	G	P	1	4	UH	5	3	O	11.30	6.00	CLASS 2	45	150	58	20.00	0.39			
601	NIRANJAN	15	M	11	P	42	HS	F	38	D	UE	G	P	0	3	UH	6	3	O	11.00	6.00	CLASS 2	40	157	57	16.23	0.36			
602	ADITHYA	15	M	11	P	41	P	F	39	PHS	UE	F	P	1	4	UH	5	0	I	10.30	6.30	CLASS 2	40	155	56	16.65	0.36			
603	ANIRUDTH	15	M	11	P	48	P	F	42	HS	UE	D	P	1	4	UH	6	3	I	10.00	6.30	CLASS 2	45	155	65	18.73	0.42			
604	MANIKANDAN	15	M	11	P	44	D	P	42	D	UE	G	P	1	4	UH	3	1	O	11.30	6.00	CLASS 1	40	147	58	18.51	0.39			
605	PRABHU	15	M	11	P	43	MS	P	33	MS	UE	C	P	2	6	UH	3	1	I	9.00	6.45	CLASS 2	45	140	79	22.96	0.56		OBESE	OBESE
606	DINESH	15	M	11	P	42	PHS	F	40	HS	F	E	P	1	5	UH	2	1	I	10.00	6.45	CLASS 2	42	138	79	22.05	0.57		OBESE	OBESE
607	BALASUBRAMANIAM	15	M	11	P	39	D	P	36	HS	UE	E	P	0	3	UH	1	0	O	11.00	5.00	CLASS 2	50	169	60	17.51	0.36			
608	UDHYAKUMAR	15	M	11	P	48	HS	F	45	HS	UE	G	P	0	3	H	1	1	O	10.30	5.00	CLASS 1	41	140	51	20.92	0.36			

609	RAVI	15	M	11	P	50	HS	F	42	HS	UE	D	P	1	4	H	1	0	O	11.00	7.00	CLASS 3	40	175	70	13.06	0.40			
610	JOSEPH	15	M	11	P	43	D	P	41	D	P	F	P	1	4	H	2	1	O	10.30	6.30	CLASS 2	45	156	61	18.49	0.39			
611	SENTHIL	15	M	11	P	49	HS	F	45	HS	F	G	P	1	6	H	1	2	O	10.00	6.00	CLASS 3	44	150	70	19.56	0.47			
612	ARUNKUMAR	15	M	11	P	44	D	P	40	D	P	G	P	0	3	UH	3	0	O	10.30	6.30	CLASS 1	50	147	68	23.14	0.46			
613	RAMKUMAR	11	M	7	P	42	MS	SH	31	HS	S	C	P	1	4	UH	4	1	I	10.00	4.00	CLASS 3	48	146	73	22.52	0.50	OBESE	OBESE	OBESE
614	PRAVEEN	11	M	7	P	42	MS	F	31	HS	F	C	P	1	4	UH	4	1	O	10.00	4.00	CLASS 2	38	145	62	18.07	0.43			
615	NITHIN	11	M	7	P	54	MS	UE	40	PS	S	C	P	1	4	H	2	1	O	9.50	6.50	CLASS 3	35	143	61	17.12	0.43			
616	MUSTHAFFA	11	M	7	P	42	MS	S	33	HS	F	B	P		3	UH	2	1	O	9.50	6.50	CLASS 3	37	144	63	17.84	0.44			
617	VARUN	11	M	7	P	41	HS	SS	34	MS	F	C	P	1	4	UH	3	3	I	8.50	5.50	CLASS 2	48	154	71	20.24	0.46		OBESE	
618	NIKILESH	11	M	7	P	34	MS	S	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 3	40	150	67	17.78	0.45			
619	BALAJI	11	M	7	P	41	D	P	30	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	44	151	66	19.30	0.44			
620	TRILOK	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	I	8.50	5.00	CLASS 3	50	155	69	20.81	0.45		OBESE	
621	PRASANNA	11	M	7	P	37	MS	S	35	HS	UE	B	P	2	7	UH	2	1	O	9.50	6.00	CLASS 3	36	145	62	17.12	0.43			
622	KAVIN	11	M	7	P	35	MS	F	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 2	35	145	61	16.65	0.42			
623	HEMESH	11	M	7	P	40	D	P	32	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	40	150	66	17.78	0.44			
624	KRISHNA	11	M	7	P	46	MS	US	32	MS	UE	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 3	33	139	59	17.08	0.42			
625	SRIRAM	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	O	8.50	5.00	CLASS 3	30	138	57	15.75	0.41			
626	ARUN	11	M	7	P	45	D	P	35	D	S	D	P	1	4	UH	2.5	1	I	10.00	5.50	CLASS 2	40	140	71	20.41	0.51		OBESE	OBESE
627	SKANTHA	11	M	7	P	43	PHS	SP	42	PHS	SP	E	P	1	4	UH	3.5	2	O	10.00	6.00	CLASS 2	34	142	60	16.86	0.42			
628	SANTHESH	11	M	7	P	39	PS	F	34	HS	UE	C	P	1	4	UH	6	1	O	11.30	7.00	CLASS 3	37	144	61	17.84	0.42			
629	PRANAV	11	M	7	P	43	MS	F	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	36	143	59	17.60	0.41			
630	ARSATH	11	M	7	P	58	PHS	P	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 2	40	147	67	18.51	0.46			
631	KANISHK	11	M	7	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	32	141	56	16.10	0.40			
632	SARRVESH	11	M	7	P	48	D	SH	45	PD	P	D	P	0	3	UH	4	2	I	10.00	6.00	CLASS 3	53	160	83	20.70	0.52		OBESE	OBESE
633	NAVIN	11	M	7	P	42	D	S	37	IL	UE	B	P	1	4	H	4	1	O	9.00	5.00	CLASS 3	43	150	67	19.11	0.45			
634	NAVEEN PRABHU	11	M	7	P	39	D	F	30	MS	UE	C	P	3	6	UH	2	1	O	9.00	6.00	CLASS 2	42	149	68	18.92	0.46			
635	SATHISH	11	M	7	P	42	D	S	38	MS	UE	C	P	1	4	UH	4	1	O	9.50	7.00	CLASS 3	45	155	63	18.73	0.41			
636	SASEENTHIRAN	11	M	7	P	45	MS	S	41	HS	UE	D	P	1	4	UH	3	1	O	12.00	7.00	CLASS 3	31	139	58	16.04	0.42			
637	SASITHARAN	11	M	7	P	36	PHS	S	32	HS	UE	C	P	1	4	UH	1	1	O	9.00	6.00	CLASS 2	39	152	68	16.88	0.45			
638	KESHAVAN	11	M	7	G	31	PHS	S	30	HS	UE	C	P	2	5	H	1	0	I	10.00	7.00	CLASS 3	30	138	57	15.75	0.41			
639	MANIKANDAN	11	M	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	26	133	52	14.70	0.39			
640	VASANTH	11	M	7	G	42	MS	F	34	MS	S	C	P	1	4	UH	3	2	O	11.00	6.00	CLASS 3	48	145	73	22.83	0.50	OBESE	OBESE	OBESE
641	JAYARAM	11	M	7	G	43	MS	S	32	PS	UE	B	P	3	4	UH	0.1	1	I	10.00	7.00	CLASS 4	35	143	62	17.12	0.43			
642	SARAVANAN	11	M	7	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	33	143	56	16.14	0.39			

643	ARUN	11	M	7	G	40	HS	S	32	HS	S	B	GP	1	4	H	1	1	O	9.30	7.00	CLASS 4	35	144	62	16.88	0.43			
644	KARTHIK	11	M	7	G	45	MS	UE	42	MS	US	B	P	1	4	UH	3	3	O	9.00	6.00	CLASS 4	32	141	54	16.10	0.38			
645	JEYA CHANDRAN	11	M	7	G	36	PS	S	35	IL	UE	B	P	2	5	H	2	1	O	10.00	8.00	CLASS 4	41	148	67	18.72	0.45			
646	SURYA	11	M	7	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	38	145	58	18.07	0.40			
647	NIRMAL	11	M	7	G	42	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	25	132	55	14.35	0.42			
648	SARATHKUMAR	11	M	7	G	42	MS	S	31	PS	US	C	P	2	5	H	2	0	I	10.00	9.00	CLASS 3	37	146	62	17.36	0.42			
649	MURALI	11	M	7	G	34	MS	S	36	MS	S	B	P	1	4	UH	2	1	O	11.00	6.00	CLASS 3	44	150	69	19.56	0.46		OBESE	
650	CHANDRAN	11	M	7	G	40	MS	S	30	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	34	144	61	16.40	0.42			
651	AJITH	11	M	7	G	42	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	40	151	57	17.54	0.38			
652	VIJAY	11	M	7	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	28	137	56	14.92	0.41			
653	VIGNESWARAN	11	M	7	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	44	151	66	19.30	0.44			
654	HARI BASKAR	11	M	7	G	38	PS	S	32	MS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	35	145	50	16.65	0.34			
655	HARIHARAN	11	M	7	G	35	MS	S	30	MS	US	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 4	40	147	67	18.51	0.46			
656	GNAVEL	11	M	7	G	46	MS	S	36	HS	UE	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	45	148	70	20.54	0.47		OBESE	
657	IMANUEL	11	M	7	G	41	PS	S	43	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	42	151	66	18.42	0.44			
658	SABARISH	11	M	7	G	33	PHS	S	32	HS	UE	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	38	148	64	17.35	0.43			
659	PRADEEP	11	M	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	31	139	54	16.04	0.39			
660	SRIMAN	11	M	7	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	35	140	58	17.86	0.41			
661	PRASANTH	11	M	7	G	50	MPS	UE	49	PS	US	B	P	1	5	UH	1	1	O	10.00	6.00	CLASS 4	33	140	60	16.84	0.43			
662	JAYALAKSHMI	11	F	7	G	45	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	26	136	56	14.06	0.41			
663	SANGEETHA	11	F	7	G	47	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	31	139	55	16.04	0.40			
664	NEERJAHAN	11	F	7	G	42	PHS	S	37	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	32	148	57	14.61	0.39			
665	SABEENA	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	I	8.00	7.00	CLASS 3	51	145	72	24.26	0.50	OBESE	OBESE	OBESE
666	PARIMALA	11	F	7	G	38	PS	S	32	MS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	39	150	64	17.33	0.43			
667	SANDHYA	11	F	7	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	38	157	64	15.42	0.41			
668	RENUKA	11	F	7	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	34	143	61	16.63	0.43			
669	PRADEEPA	11	F	7	G	39	PHS	S	38	MS	UE	C	P	1	4	H	1	1	O	9.30	5.30	CLASS 3	45	156	63	18.49	0.40			
670	AARTHI	11	F	7	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	41	149	69	18.47	0.46		OBESE	
671	AMBIKA	11	F	7	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	44	144	65	21.22	0.45			
672	MALARKODI	11	F	7	G	37	PHS	S	30	HS	UE	C	P	1	5	H	2	1	O	8.00	6.00	CLASS 3	30	143	56	14.67	0.39			
673	MEENA	11	F	7	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	36	155	63	14.98	0.41			
674	TAMILARASI	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	UH	3	2	I	8.00	7.00	CLASS 3	60	163	79	22.58	0.48	OBESE	OBESE	
675	KAVITHA	11	F	7	G	45	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	32	138	59	16.80	0.43			
676	GAYATHRI	11	F	7	G	42	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	34	148	59	15.52	0.40			

677	INDHUMATHI	11	F	7	G	45	PHS	F	37	MS	US	B	P	1	4	H	2	0	O	10.00	6.00	CLASS 3	40	150	62	17.78	0.41			
678	PRIYADHARSHINI	11	F	7	G	38	HS	S	36	MS	S	C	P	2	5	UH	9	3	I	10.00	6.00	CLASS 3	40	144	73	19.29	0.51		OBESE	OBESE
679	BRINDHA	11	F	7	G	37	HS	S	36	HS	UE	C	P	1	5	UH	1	1	I	11.00	5.00	CLASS 3	36	136	60	19.46	0.44			
680	FATHEEMA	11	F	7	G	37	HS	US	33	PHS	UE	B	P	1	4	H	6	3	I	9.00	6.00	CLASS 4	40	148	64	18.26	0.43			
681	BRINDHADEVI	11	F	7	G	42	PS	S	40	HS	S	C	P	3	6	UH	1	1	I	9.00	4.00	CLASS 3	45	148	70	20.54	0.47		OBESE	
682	MELBHA	11	F	7	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	35	157	62	14.20	0.39			
683	JAYA	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	36	146	62	16.89	0.42			
684	ANUSHIYA	11	F	7	G	40	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	37	149	56	16.67	0.38			
685	BAKYALAKSHMI	11	F	7	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	35	141	62	17.60	0.44			
686	POOMATHI	11	F	7	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	45	158	63	18.03	0.40			
687	NITHYA	11	F	7	G	36	MS	US	35	MS	US	B	P	2	5	UH	12	3	I	9.00	6.00	CLASS 4	33	144	64	15.91	0.44			
688	ANITHA	11	F	7	G	36	MS	US	35	MS	US	C	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	35	158	62	14.02	0.39			
689	NANTHINI	11	F	7	G	40	IL	US	35	IL	US	B	P	2	5	UH	12	3	I	9.00	6.00	CLASS 4	42	150	71	18.67	0.47		OBESE	
690	DIVYA	11	F	7	G	34	MS	S	33	PHS	UE	C	P	1	4	H	2	1	O	8.30	6.00	CLASS 3	45	148	60	20.54	0.41			
691	AROKIYAMERI	11	F	7	G	40	MS	S	38	MS	UE	B	P	2	5	H	2	1	O	9.30	6.00	CLASS 3	35	144	56	16.88	0.39			
692	JAYANTHI	11	F	7	G	38	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	33	143	58	16.14	0.41			
693	POORNIMA	11	F	7	G	40	HS	US	35	MS	US	B	P	0	3	H	12	3	I	8.00	6.00	CLASS 4	44	159	62	17.40	0.39			
694	ABIRAMI	11	F	7	G	40	HS	S	32	HS	S	B	GP	1	4	UH	2	1	I	9.30	7.00	CLASS 4	43	149	74	19.37	0.50		OBESE	OBESE
695	VASANTHI	11	F	7	G	40	HS	S	32	HS	S	B	GP	1	4	H	1	1	O	9.30	7.00	CLASS 4	44	156	64	18.08	0.41			
696	SRUTHI	11	F	7	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	6	3	I	9.00	6.00	CLASS 4	36	160	62	14.06	0.39			
697	RADHIKA	11	F	7	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	39	151	61	17.10	0.40			
698	POONKOTHAI	11	F	7	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	45	156	64	18.49	0.41			
699	SIVAKAMI	11	F	7	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	6	2	I	9.00	6.00	CLASS 4	39	143	62	19.07	0.43			
700	REVATHI	11	F	7	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	40	155	59	16.65	0.38			
701	PRABHADEVI	11	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	40	152	64	17.31	0.42			
702	VIGNESWARI	11	F	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	I	10.00	6.00	CLASS 3	41	148	73	18.72	0.49		OBESE	
703	BANUPRIYA	11	F	7	G	42	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	35	156	63	14.38	0.40			
704	LAKSHMI	11	F	7	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	40	138	61	21.00	0.44			
705	SANTHI	11	F	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	38	149	63	17.12	0.42			
706	ISWARIYA	11	F	7	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	6	3	I	9.00	6.00	CLASS 4	37	155	64	15.40	0.41			
707	AYSHA	11	F	7	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	34	146	58	15.95	0.40			
708	LOGESWARI	11	F	7	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	46	157	65	18.66	0.41			
709	ANDAL	11	F	7	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	34	144	57	16.40	0.40			
710	MONISHA	11	F	7	G	43	MS	S	33	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	36	145	63	17.12	0.43			

711	RANI	11	F	7	G	39	MS	S	36	HS	S	C	P	1	4	UH	3	1	I	10.00	6.00	CLASS 3	48	147	75	22.21	0.51		OBESE	OBESE
712	DHARANI	11	F	7	P	40	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	31	138	59	16.28	0.43			
713	SHUBIKHPRIYA	11	F	7	P	40	PHS	S	35	MS	UE	C	P	1	4	UH	4	2	I	9.30	6.00	CLASS 3	51	148	74	23.28	0.50	OBESE	OBESE	OBESE
714	DEEPIKA	11	F	7	P	42	HS	F	38	MS	UE	D	P	1	6	H	0	0	O	10.00	4.30	CLASS 3	36	145	62	17.12	0.43			
715	ANUSHIYA	11	F	7	P	39	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 2	36	157	62	14.61	0.39			
716	DEEPA SREE	11	F	7	P	45	HS	F	40	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	46	146	65	21.58	0.45			
717	GAYATHRI	11	F	7	P	42	HS	F	40	D	UE	F	P	1	4	UH	3	1	I	10.00	6.30	CLASS 2	47	156	73	19.31	0.47		OBESE	
718	PREETHI	11	F	7	P	42	HS	F	31	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 2	33	139	59	17.08	0.42			
719	HARINI	11	F	7	P	52	HS	P	45	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	35	146	62	16.42	0.42			
720	SUDHARSHANA	11	F	7	P	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	44	156	64	18.08	0.41			
721	ISWARIYA	11	F	7	P	55	PHS	F	50	HS	UE	G	P	0	3	UH	6	2	I	10.30	7.00	CLASS 2	53	144	73	25.56	0.51	OBESE	OBESE	OBESE
722	SNEHA SREE	11	F	7	P	45	HS	F	43	D	UE	E	P	0	3	H	3	1	I	10.30	7.30	CLASS 2	45	143	74	22.01	0.52		OBESE	OBESE
723	RITHIKA	11	F	7	P	42	PHS	F	37	PHS	UE	E	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	37	147	64	17.12	0.44			
724	AKANIYA	11	F	7	P	41	D	F	35	D	UE	F	P	1	4	UH	0	0	I	10.30	4.00	CLASS 2	34	137	58	18.11	0.42			
725	SYAMVARTHINI	11	F	7	P	54	HS	S	49	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	39	158	64	15.62	0.41			
726	BRINDHASHREE	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	43	156	65	17.67	0.42			
727	DIVYA PRABHA	11	F	7	P	38	PHS	F	32	PHS	F	G	P	1	4	H	4	0	O	11.00	4.00	CLASS 2	46	157	65	18.66	0.41			
728	JAYSNEHA	11	F	7	P	55	HS	P	51	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	41	148	64	18.72	0.43			
729	KANISHKA	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	45	158	64	18.03	0.41			
730	KRITHIKA	11	F	7	P	44	HS	F	34	PHS	UE	G	P	1	4	H	0	0	I	10.00	6.00	CLASS 3	48	150	70	21.33	0.47		OBESE	
731	SAVEETHA	11	F	7	P	42	HS	S	36	PHS	F	F	P	1	4	UH	1	2	I	10.00	6.15	CLASS 3	44	147	75	20.36	0.51		OBESE	OBESE
732	SRIHARINI	11	F	7	P	40	D	F	37	D	P	G	P	1	6	H	0	0	O	10.00	5.30	CLASS 2	38	154	63	16.02	0.41			
733	SANGAMITHRA	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	45	157	63	18.26	0.40			
734	SANGAVI	11	F	7	P	40	PHS	F	36	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	40	147	64	18.51	0.44			
735	SHOBIKA	11	F	7	P	38	D	F	35	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	44	157	63	17.85	0.40			
736	PREETHI	11	F	7	P	41	PHS	F	30	HS	UE	F	P	1	4	UH	0	2	1	11.30	6.00	CLASS 3	52	154	71	21.93	0.46		OBESE	
737	HARINI NIVETHA	11	F	7	P	48	D	P	43	PHS	UE	F	P	1	4	H	2	0	O	12.00	4.00	CLASS 2	36	156	62	14.79	0.40			
738	POOJA	11	F	7	P	57	D	P	54	HS	UE	F	P	0	3	H	0	0	I	11.30	5.00	CLASS 2	40	150	63	17.78	0.42			
739	PRITHVI	11	F	7	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	42	155	62	17.48	0.40			
740	SRUTHILAKSHMI	11	F	7	P	43	D	P	40	D	SP	G	P	0	3	H	2	1	I	9.00	6.45	CLASS 1	50	146	73	23.46	0.50	OBESE	OBESE	OBESE
741	JANANI	11	F	7	P	43	HS	P	36	HS	UE	F	P	1	4	H	2	1	I	9.30	5.00	CLASS 2	37	145	63	17.60	0.43			
742	SWETHA	11	F	7	P	38	D	F	36	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	38	146	61	17.83	0.42			
743	DURGA	11	F	7	P	43	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 1	42	146	65	19.70	0.45			
744	SHARMILA	11	F	7	P	48	HS	S	45	PHS	UE	D	P	1	4	H	3	1	O	10.00	4.45	CLASS 2	42	156	62	17.26	0.40			

745	SHUBIKSHA	11	F	7	P	48	PHS	S	43	PHS	-	F	P	1	3	H	3	2	I	11.00	5.30	CLASS 3	42	148	70	19.17	0.47		OBESE	
746	SUJI	11	F	7	P	53	HS	P	47	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	45	156	64	18.49	0.41			
747	DEEPA	11	F	7	P	48	D	P	43	HS	UE	F	P	1	4	UH	2	1	O	12.00	4.30	CLASS 2	36	145	62	17.12	0.43			
748	DIVYA	11	F	7	P	50	D	F	41	PHS	UE	G	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	37	147	64	17.12	0.44			
749	MANISHA	11	F	7	P	50	D	F	42	D	SP	G	P	1	4	UH	0	0	O	11.30	5.00	CLASS 2	45	154	66	18.97	0.43			
750	HASMA	11	F	7	P	39	PHS	P	36	D	UE	G	P	1	4	H	4	1	O	10.30	4.00	CLASS 2	46	150	65	20.44	0.43			
751	AYSHA SAHANI	11	F	7	P	45	HS	P	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	35	156	61	14.38	0.39			
752	VEDHA	11	F	7	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	2	I	11.00	7.00	CLASS 2	49	152	71	21.21	0.47		OBESE	
753	ROSHIMI	11	F	7	P	42	D	P	37	D	UE	G	P	1	4	UH	2	2	O	10.00	5.00	CLASS 1	42	148	63	19.17	0.43			
754	NIKITHA	11	F	7	P	45	D	F	39	D	UE	G	G	1	5	UH	0	0	O	11.00	5.00	CLASS 2	33	140	61	16.84	0.44			
755	RESHMA	11	F	7	P	44	D	SP	42	D	UE	E	P	1	4	UH	1	1	O	11.00	4.00	CLASS 2	43	156	64	17.67	0.41			
756	ANJALIN	11	F	7	P	38	D	F	35	PHS	UE	G	P	0	3	UH	6	2	I	9.30	8.00	CLASS 2	50	146	73	23.46	0.50		OBESE	OBESE
757	GEETHANJALI	11	F	7	P	40	PHS	F	33	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	41	152	63	17.75	0.41			
758	SREYA	11	F	7	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	38	146	63	17.83	0.43			
759	SNEHA	11	F	7	P	40	PHS	F	38	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	46	159	64	18.20	0.40			
760	JANARAKSHA	11	F	7	P	40	PHS	F	35	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	60	150	76	26.67	0.51			
761	ABI NANDHANA	11	F	7	P	38	D	F	33	PHS	F	G	P	0	3	UH	6	2	I	9.30	8.00	CLASS 2	48	140	70	24.49	0.50	OBESE	OBESE	OBESE
762	HARISH	12	M	8	G	45	MS	F	42	MS	S	C	P	1	4	UH	3	2	O	11.00	6.00	CLASS 3	58	145	72	27.59	0.50	OBESE	OBESE	OBESE
763	ASHOKKUMAR	12	M	8	G	42	MS	S	36	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	33	143	59	16.14	0.41			
764	RAMACHANDRAN	12	M	8	G	48	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	40	149	65	18.02	0.44			
765	PREMNATH	12	M	8	G	43	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	43	154	64	18.13	0.42			
766	DHANAPAL	12	M	8	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	39	147	64	18.05	0.44			
767	GOBINATH	12	M	8	G	40	PS	S	33	PS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	44	156	66	18.08	0.42			
768	GOWTHAM	12	M	8	G	38	MS	S	32	MS	US	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 3	35	146	58	16.42	0.40			
769	GURUSAMY	12	M	8	G	39	D	F	35	MS	F	C	P	2	5	UH	3	2	2	10.30	6.30	CLASS 3	46	153	73	19.65	0.48		OBESE	
770	SEKAR	12	M	8	G	45	MS	SS	36	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	49	158	68	19.63	0.43			
771	VENKATESH	12	M	8	G	47	D	S	40	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	48	154	69	20.24	0.45			
772	BHARATHI	12	M	8	G	41	HS	S	38	PS	SS	B	P	1	4	UH	2	2	I	11.00	7.00	CLASS 4	49	157	74	19.88	0.47		OBESE	
773	RAJKUMAR	12	M	8	G	43	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	41	153	63	17.51	0.41			
774	MATHIAZHAGAN	12	M	8	G	44	PS	S	39	PS	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	42	153	65	17.94	0.42			
775	BOOPATHI	12	M	8	G	45	PS	UE	41	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	34	145	58	16.17	0.40			
776	ANDANI	12	M	8	G	48	PS	S	43	MS	S	B	P	2	4	H	3	2	O	10.00	4.30	CLASS 3	45	156	69	18.49	0.44			
777	PRABHAKARAN	12	M	8	G	36	PS	S	35	PS	UE	B	P	2	5	H	2	1	O	10.00	8.00	CLASS 4	48	156	68	19.72	0.44			
778	SARAVANAKUMAR	12	M	8	G	38	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	34	145	59	16.17	0.41			

779	PRAMESHWARI	12	F	8	G	42	PS	S	40	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	35	143	61	17.12	0.43			
780	ANANTHI	12	F	8	G	35	PHS	S	32	HS	S	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	39	146	64	18.30	0.44			
781	POTKODI	12	F	8	G	43	HS	S	38	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	40	147	66	18.51	0.45			
782	POOVINA	12	F	8	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	47	154	70	19.82	0.45			
783	GOMATHI	12	F	8	G	50	MPS	UE	47	PS	US	S	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	49	157	70	19.88	0.45			
784	CHITHRA	12	F	8	G	48	MS	S	45	PS	F	B	P	1	4	UH	5	3	I	11.30	6.30	CLASS 4	55	150	75	24.44	0.50	OBESE	OBESE	OBESE
785	KASTHURI	12	F	8	G	46	D	S	42	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	46	153	72	19.65	0.47		OBESE	
786	NIRMALA	12	F	8	G	43	PHS	S	40	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	46	160	63	17.97	0.39			
787	RADHAMANI	12	F	8	G	48	MPS	P	41	PS	US	C	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	43	146	60	20.17	0.41			
788	NIKILA	12	F	8	G	37	HS	S	31	HS	S	C	P	0	5	UH	1	1	I	9.45	7.00	CLASS 3	38	149	63	17.12	0.42			
789	KALPANA	12	F	8	G	39	PS	S	33	MS	S	B	P	1	3	H	3	2	I	10.00	6.30	CLASS 4	48	146	74	22.52	0.51		OBESE	OBESE
790	SHINY	12	F	8	G	40	MS	S	38	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	43	150	66	19.11	0.44			
791	SANJANA	12	F	8	G	37	D	P	35	PHS	S	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	40	163	64	15.06	0.39			
792	KAVITHA	12	F	8	G	39	PHS	S	38	MS	S	C	P	1	4	H	1	1	O	9.30	5.30	CLASS 3	33	142	60	16.37	0.42			
793	MALATHI	12	F	8	G	38	MS	S	35	MS	UE	C	P	0	3	UH	2	1	I	9.30	6.00	CLASS 3	47	154	69	19.82	0.45			
794	SATHYA	12	F	8	G	49	MPS	S	47	PS	US	S	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	43	155	62	17.90	0.40			
795	INDRANI	12	F	8	G	38	PHS	US	35	MS	US	B	P	1	6	UH	4.3	2	I	10.00	7.00	CLASS 4	56	147	74	25.92	0.50	OBESE	OBESE	OBESE
796	MARRISH	12	F	8	G	37	PS	US	35	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	41	148	67	18.72	0.45			
797	GEETHARANI	12	F	8	G	33	PS	US	32	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	45	155	68	18.73	0.44			
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799	GEETHAMANI	12	F	8	G	36	MS	S	33	HS	S	C	P	1	4	H	0	0	O	9.00	6.00	CLASS 3	45	155	68	18.73	0.44			
800	RAJAMANI	12	F	8	G	37	PHS	S	35	HS	S	B	P	2	5	H	0	0	I	11.00	6.00	CLASS 3	41	148	67	18.72	0.45			
801	RAJESWARI	12	F	8	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	41	144	61	19.77	0.42			
802	RASHITHA	12	F	8	G	45	MS	US	41	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	47	154	70	19.82	0.45			
803	RAMYA	12	F	8	G	45	HS	F	44	PS	UE	C	P	1	4	UH	1	1	I	10.00	6.30	CLASS 3	42	149	65	18.92	0.44			
804	RAGAVI	12	F	8	G	42	PHS	S	39	HS	S	C	P	1	4	UH	2	1	I	10.15	6.45	CLASS 3	44	151	70	19.30	0.46			
805	SINSHYA	12	F	8	G	50	HS	S	45	HS	UE	C	P	1	7	UH	1	1	I	11.00	5.00	CLASS 3	43	154	66	18.13	0.43			
806	STEFI	12	F	8	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	5	2	I	10.30	6.00	CLASS 4	49	155	73	20.40	0.47		OBESE	
807	SHOBANA	12	F	8	G	45	D	S	35	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 4	43	155	66	17.90	0.43			
808	AMBIKA	12	F	8	G	40	PHS	S	38	MS	S	C	P	1	4	UH	1	1	I	9.30	5.30	CLASS 3	42	149	68	18.92	0.46			
809	BHUVANESHWARI	12	F	8	G	42	PHS	F	37	HS	S	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	34	142	59	16.86	0.42			
810	AMUTHA	12	F	8	G	37	HS	SS	36	PHS	UE	B	P	1	5	UH	2	1	I	11.00	4.00	CLASS4	47	154	69	19.82	0.45			
811	DEVIPRIYA	12	F	8	G	37	PHS	S	32	HS	UE	C	P	1	5	UH	2	1	I	8.00	6.00	CLASS 3	45	156	68	18.49	0.44			
812	POONGAVANAM	12	F	8	G	51	MS	US	48	MS	US	B	P	1	6	UH	3	1	O	9.00	6.00	CLASS 4	40	152	67	17.31	0.44			

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858	AMIRTHA	12	F	8	P	42	PG	F	35	HS	S	G	P	0	3	UH	3	3	I	10.00	6.00	CLASS 2	44	154	72	18.55	0.47		OBESE	

A Dissertation on

STUDY OF PREVALENCE OF OBESITY IN 11 – 15 YEARS OF SCHOOL GOING CHILDREN

Dissertation submitted

In Partial Fulfillment of regulation for the award of

M.D. Degree in Pediatric Medicine

Branch - VII

COIMBATORE MEDICAL COLLEGE

COIMBATORE, April 2016

DECLARATION

I Declare that this dissertation entitled "**The Prevalence of Obesity in 11 – 15 Years of School Going Children**" has been conducted by me in Schools in Coimbatore District under the guidance and supervision of my guide Dr.V.Suganthi, M.D., DCH. It is submitted in part of fulfillment of the award of the degree of MD Pediatrics for the April 2016 examination to be held under The Tamilnadu Dr.M.G.R Medical University, Chennai. This has not been submitted previously by me for the award of any degree or diploma from any other university.

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DR.A.ARUNTHATHI

CERTIFICATE

Certified that this dissertation entitled " **Study Of Prevalence Of Obesity In 11 – 15 Years Of School Going Children"** is a bonafide work done by **Dr. A.Arunthathi M.D.,** Post graduate student of Pediatric Medicine, Coimbatore Medical College & Hospital, Coimbatore – 641018 during the academic year 2013 – 2016.

Date :

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Course : MD PAEDIATRICS

Period of Study : 2013 - 2016

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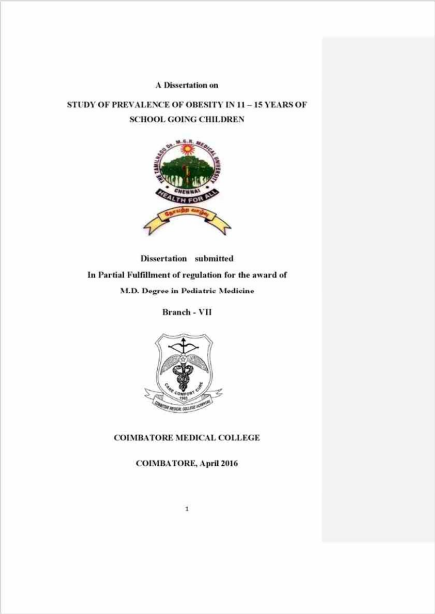

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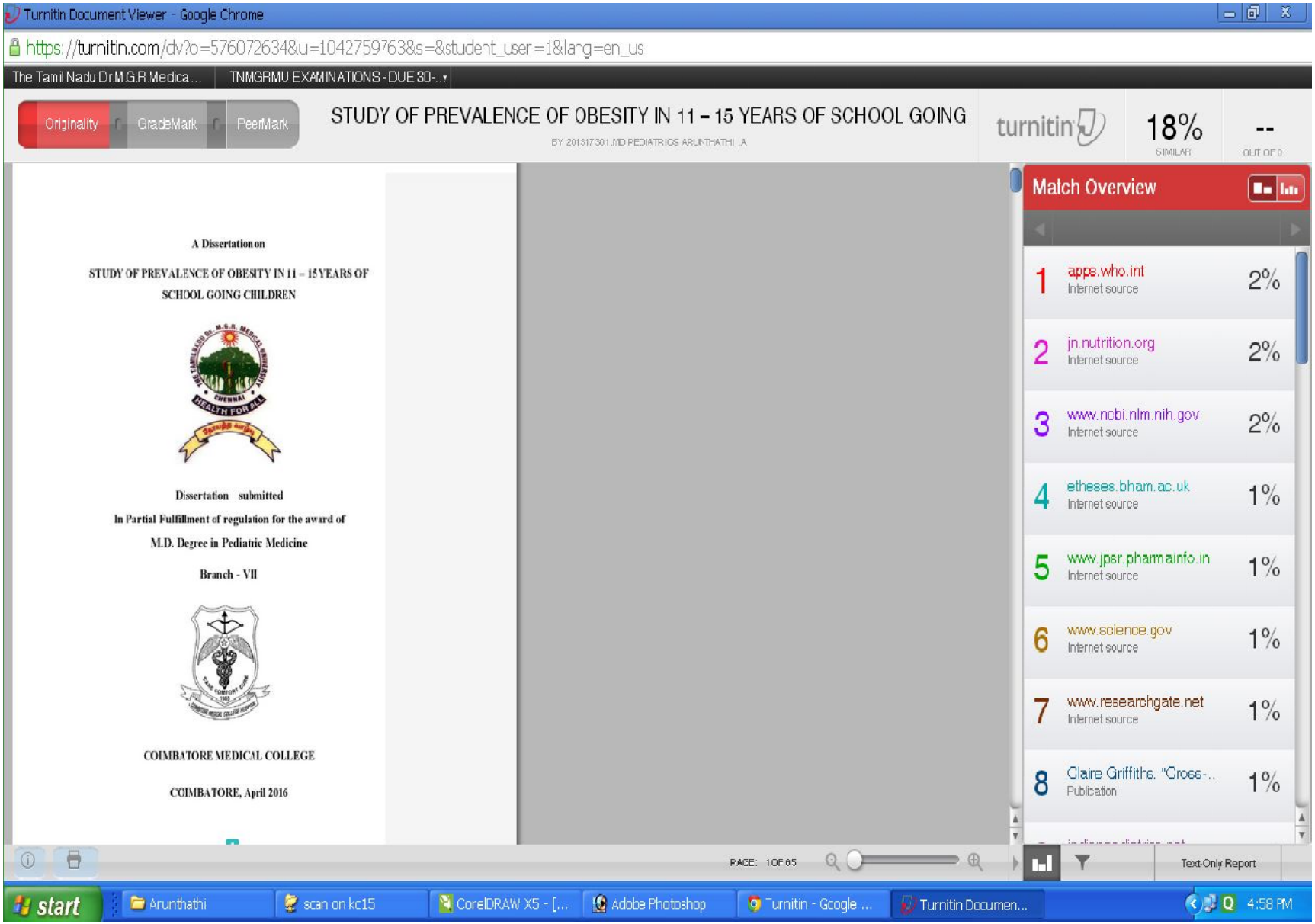
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DR. ARUNTHATHI

ABBREVIATION

WC	-	Waist Circumference
BMI	-	Body Mass Index
WHR	-	Waist Height Ratio
US	-	United State
UK	-	United Kingdom
NCD	-	Non Communicable Disease
NAFLD	-	Non Alcoholic Fatty Liver Disease
IOTF	-	International Obesity Task Force
WHO	-	World Health Organisation
CDC	-	Centre for disease control and prevention
CVD	-	Cardio Vascular Disease
SES	-	Socio Economic Status
NCHS	-	National Centre for Health Statistics

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INTRODUCTION

Childhood obesity is emerging as a serious public health problem of the 21st century[1]. Hence there is widespread concern in the increase of overweight and obesity especially in children in developed and developing countries as it is considered to be one of the precursors of adverse health effects occurring in adulthood. In both developed and developing countries the prevalence of obesity is increasing and hence has become a major health issue. In both US and UK, the prevalence of obesity in children has increased significantly to about 16 – 20% [2.]. Until the 1980s, the developing countries were with the lowest rates, but now it has gradually increased in children.

Data for both overweight and obesity prevalence among children in many countries in South Asia is available: 25.0% among children from 2 to 15 years in Bangladesh and 22.0% among children from 5 to 19 years in India. Moreover, secular trends indicate increasing prevalence rates in these countries: for example, 9.8 to 11.7% among children from 5 to 19 years in India during 2006–2009[3, 4,5]. In recent times, developing countries have also reported an increasing incidence of obesity.

Various studies have documented the prevalence of obesity in both children and adolescents to be 12 – 29% in different parts of India [6,7]. Recently, Kumar et al. in a study on preschool children from urban south

India have reported that 4.5% of the children were overweight while 1.4% of them were obese[8]. However, most of these studies are region-specific and have a smaller sample size. To investigate the trend in obesity in Indian children, it is necessary to assess a large sample representing different regions of India.

There is a great need for studying obesity in Indians because of the fact that there is an increase in type2 diabetes and coronary heart disease in Indian adults, especially in urban areas[9]. This epidemic has been attributed to a thrifty genotype which had helped survival in the past when there was scarce and irregular food supply, and has now led to obesity and insulin resistance in modern days where there is excess and regular food supply [10]. Recent studies have shown that Indians for a given BMI have a higher percentage of body fat when compared with other white Caucasians, Americans, and African Indians and in addition also have lower muscle mass [11]. Thus the risk of adult morbidity especially cardiovascular and mortality that might follow childhood-onset obesity is considerably high and is of great significance to public health. So it is important that policy makers are aware and have information about the prevalence and trend of obesity.

Childhood obesity is thus a serious medical condition that affects children and adolescents. It occurs when children are well above the normal weight and height for his or her age. It is particularly troubling because the

extra kilograms gained lead to health problems in children that were once confined to adults, such as diabetes, high blood pressure, psychological issues and high cholesterol. It can also lead to poor self-esteem and even depression[12]. One of the best ways to reduce obesity in children is to improve the diet and exercise habits of the entire family. Thus Treating and preventing obesity in children, protect the health of them now and also in the future[13].

Obesity is now emerging as a common nutritional disorder, particularly among the affluent, worldwide. Obesity may be described as a condition which is characterised by excessive fat deposition in the body. It usually results when food is consumed in excess of one's physiological needs[14].

Obesity in general is defined as the presence of excessive adipose tissue in the body to such an extent that it may lead to health hazards (Prenticeet al.2001;Rossner 2002). It is not a single disease but a heterogeneous group of conditions associated with multiple causes. Thus body weight is determined by interactions between genetic environmental, psychological factors which act through physiological mediators of energy intake and energy expenditure. Even in India, malnutrition had attracted the focus of health workers because childhood obesity in children is increasingly being observed due to the changing lifestyle of the families who have an increased purchasing power, increasing hours of inactivity because addiction

to television, computer and videogames which have replaced outdoor games and other available social activities (Singh and Sharma 2005)

Globally, it is estimated than 10 percent of school children of 5-17 are overweight/obese (Childhood Obesity-the Global Picture 2006). The prevalence of obesity in children has increased over the past few decades and its statistics are alarming. The prevalence and etiology behind childhood obesity may vary according to an individual's lifestyle and socio-economic status. Most of the reports with regards to childhood obesity are from studies conducted at metropolitan cities in India[15].

In this study, obesity in 11-15 years of school children in Coimbatore district is estimated using BMI, WC and WHR. By estimating obesity through waist circumference, central obesity which is a well known risk factor for cardiovascular disease in adults is identified. The risk factors which are associated with increase of obesity is also studied. In this study the prevalence of obesity in Coimbatore when compared with other cities and prevalence of obesity in males, females, private and government schools, and other associated risk factors is studied.

AIM OF THE STUDY

To estimate the prevalence of obesity using Body mass index, waist circumference and waist height ratio of urban school children in the age group of 11 –15 years.

OBJECTIVE

PRIMARY OBJECTIVE

To estimate the prevalence of obesity in 11-15yrs of urban school children using body mass index, waist circumference and waist height ratio.

SECONDARY OBJECTIVE

To identify the risk factors for developing obesity

To compare BMI, waist circumference and waist height ratio in estimating the prevalence of obesity

REVIEW OF LITERATURE

DEFINING CHILDHOOD OBESITY

Obesity is defined as excess adipose tissue in the body. Giving specific definition for obesity is difficult.[16.] According to IAP growth chart committee, BMI charts which are presented are based on methods used by IOTF[17]. The 23 and 27 cut offlines equivalent of adult overweight and obesity are much more appropriate for using in Asian children as Asians are predisposed to have more adiposity and also have increased risk for developing cardio metabolic problems at a lower BMI [18].

According to a study done in urban South Indian children aged 3-16 yrs by St.Johns National Academy Of Health Sciences, the 75th percentile of waist circumference is recommended to be used as an "action point" for Indian children to identify obesity until a large scale percentile data is available in India[19].

For the WHT ratio, the cut-off of 0.5 is recommended to identify obesity[20]. BMI is agreed to be used as a reliable indicator which correlates well with body fat estimation.

BMI : ESTIMATION IN CHILDREN

The use of BMI for defining overweight and obesity in children is more challenging than in adults as there is variation of BMI with age and sex[21], and its relationship to body fat is also unclear.

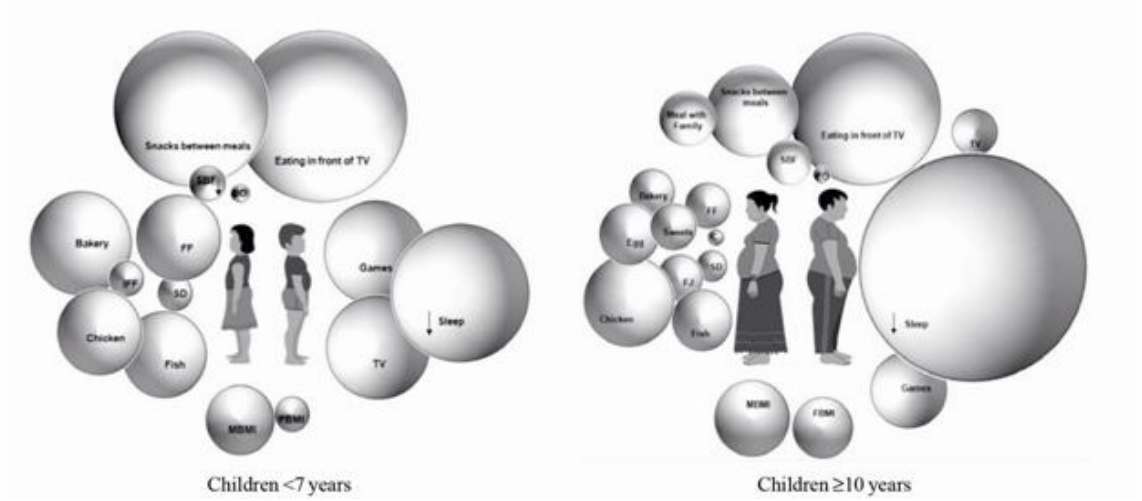
$$\text{BMI} = \frac{\text{WEIGHT IN KG}}{\text{HEIGHT IN M}^2}$$

It has also been suggested that the contributions of body fat and also fat free mass to BMI has changed over time, especially in children, thus resulting in an underestimation of the prevalence of obesity in epidemiological studies using only BMI[22,23.] Added to this, the association of BMI with later morbidity and mortality is also less clear in children when compared to adults in that there is no particular threshold of BMI above which children can be predicted to have an increased risk [24].

WAIST CIRCUMFERENCE IN CHILDREN:

To overcome the disadvantages of BMI, waist circumference can be used for estimation of obesity. WC correlates better with visceral adiposity in kids though it sometime increases because of subcutaneous fat deposition. There are many studies which show that waist circumference is a good predictor for CVD risk and other complications[25].

Figure : 1 Factors related to increasing waist circumference



WAIST HEIGHT RATIO IN CHILDREN:

WHR is also associated significantly for identifying obesity [26,27]. Some studies done in European and Asian children found the waist-to-height ratio to be superior to BMI in predicting the cardiovascular risks [28].

$$\text{WHR} = \frac{\text{WAIST CIRCUMFERENCE IN CM}}{\text{HEIGHT IN CM}}$$

Both the height and waist circumference increase continually in children as they age, the value of 0.50 was suggested to be an appropriate cut-off point for all age groups of children [29]. WHR is considered to be more sensitive than WC in different populations as it adjusts to different statures [96] and also because of the negative correlation of height and its association to certain metabolic risk factors [30]. The health risks for Asian children begin to increase even for smaller amounts of central fat and smaller waist

circumferences when compared with their European counterparts [31]. This explains the reason why there is a decrease in the WHR cut off used for Indian children.

The anthropometric indices which predict central obesity include WC, WHR and WAIST HIP RATIO. There are many studies which show these are associated with CVS and other metabolic diseases in children. In India measurement of waist circumference is not commonly practiced. Most of the studies based on central obesity and its indices and percentiles have been done in developed countries like Europe and US[32-35]. In Asia, especially in the Middle East and South East children WC percentile has been studied[36-38.] But in India especially in this part of the country data on this is scarce .This study estimates obesity in Coimbatore by using parameters like WC and WHR which predicts abdominal obesity when compared with BMI.

They are simple alternative measure and pediatric primary care practicians and use it for assessing central obesity[39].

CHILDHOOD OBESITY PREVALENCE:

THE GLOBAL PREVALENCE

The prevalence of obesity estimated across the world has increased in the last three decades and is now being recognized as a global threat to health[40,41,42] There could even be an underestimation because the availability and the

quality of prevalence estimates vary[43]. The prevalence of obesity in children is increasing rapidly worldwide[44]. We know that obesity is associated with several risk factors for later development of heart disease and other chronic diseases like hyperlipidaemia, hypertension, hyperinsulinaemia and early atherosclerosis[45,46]. The above said risk factors may operate through an association between child and development adult obesity and they may also act independently[47]. Worldwide, obesity trends are considered to be a serious public health concern because in many countries it is threatening the viability of the basic health care delivery system. Obesity is also an independent risk factor for the development of cardiovascular diseases and significantly increases both the risk of morbidity and mortality[48]. In the last two decades we have witnessed an increase in health care costs because of obesity and its related issues in both children and adolescents.

This has emerged as a global phenomenon which affects all socio-economic groups, irrespective of age, sex or ethnicity. Childhood obesity has thus become a serious public health challenge now and in the near future. Thus the prevalence of obesity is an upcoming major public health problem. Until the 1980s, the developing countries were with the lowest rates, but since then overweight and obesity prevalence have gradually increased in children. The global prevalence of overweight and obesity in children aged 5-17 years is 10% and this global average covers a wide range

of prevalence levels in different regions and countries with above 30% in America and below 2% in Sub Saharan Africa[49,50]. Further, projections in the year 2010 for estimated prevalence of overweight and obesity in school age children (aged 5-17 years) are at 46% in America and below 5% in Africa. For children between 5-17 years in this regional prevalence data on overweight and obesity are currently unavailable [51]. However, data for both overweight and obesity prevalence among children in different South Asia countries are available: 25.0% among children from 2 to 15 years in Bangladesh and 22.0% among children from 5 to 19 years in India. Moreover, secular trends indicate increasing prevalence rates in these countries: for example, 9.8 to 11.7% among children from 5 to 19 years in India during 2006–2009 [52]. In recent years, the increase in obesity has led this to become one of the major issues affecting the Indian health system.

Figure :2 Past and projected future overweight rates

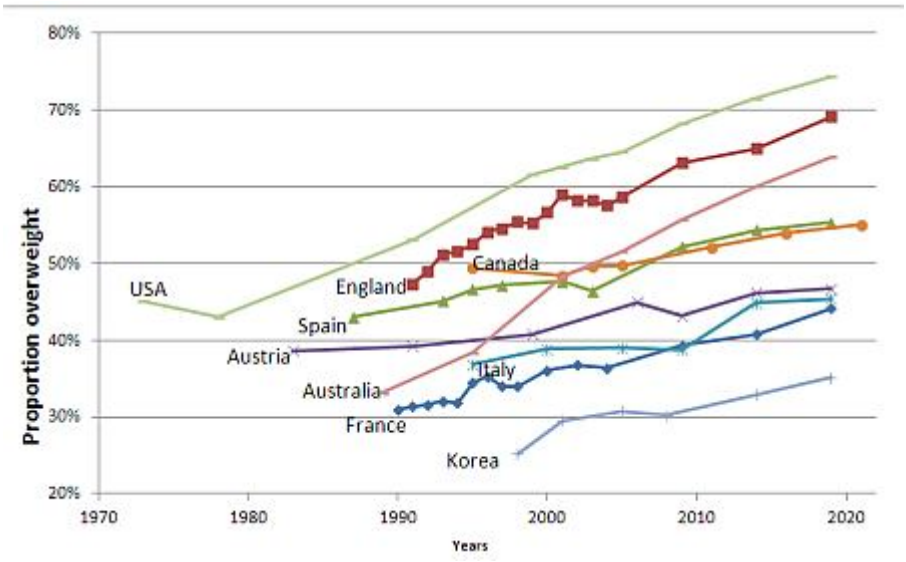
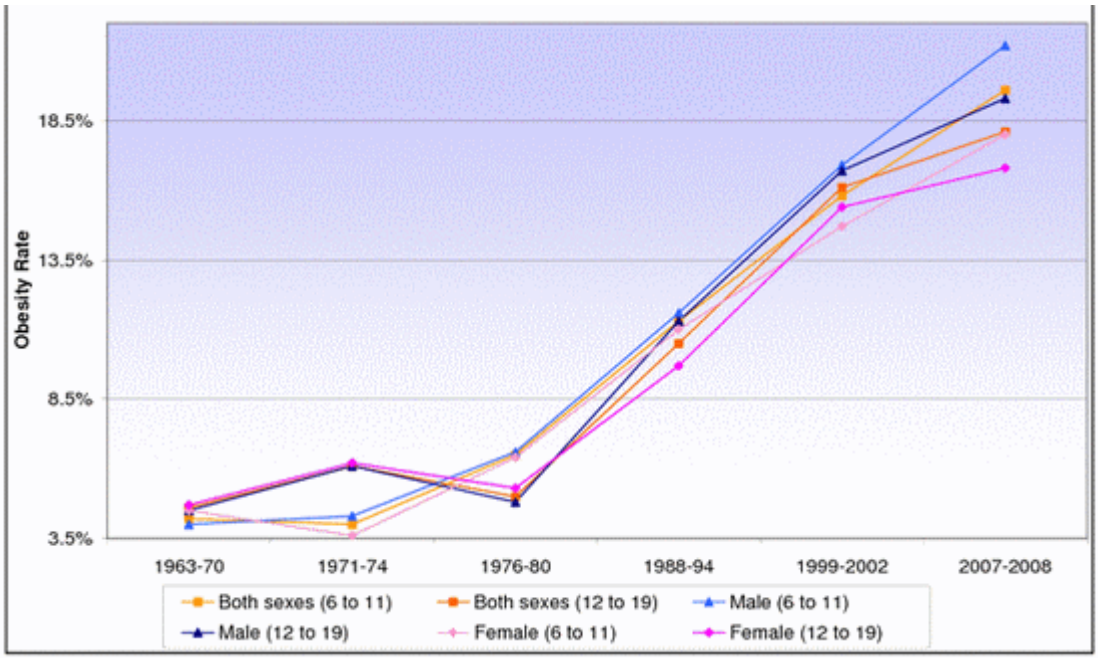


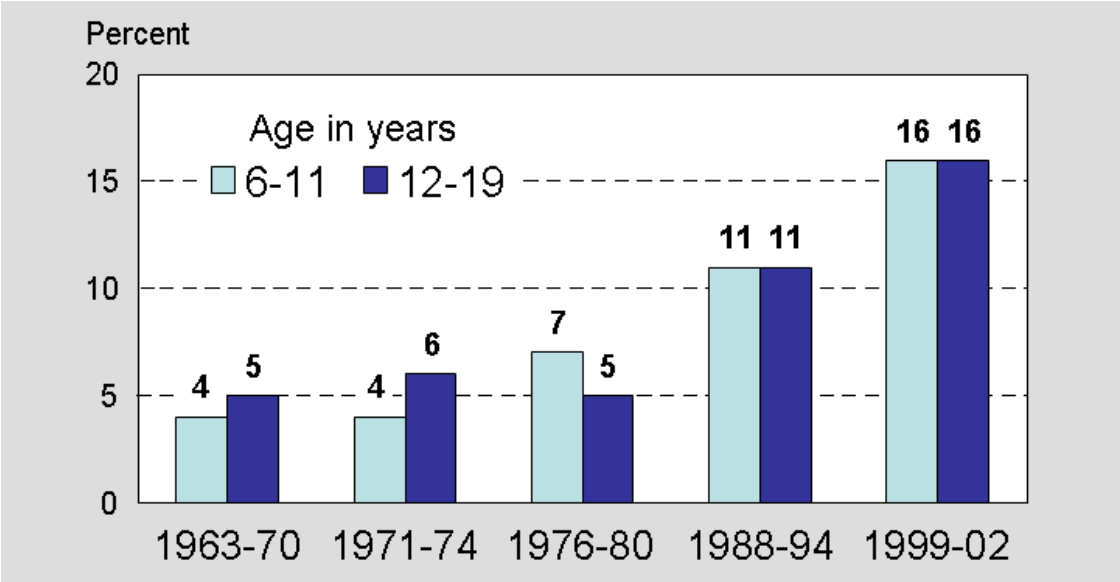
Figure : 3 Child Obesity Statistics



PREVALENCE IN INDIA:

Various studies have documented the prevalence of obesity in children and also in adolescents to be 12 – 29% from different parts of India [53,54]. Recently, Kumar et al. in a study on preschool children from urban south India have reported that 4.5% of children were overweight while 1.4% of children were obese.

Figure :4 Prevalence of Overweight among 6-19 Years



OBESITY IN CHILDREN AND SOCIO-ECONOMIC STATUS:

The relationship between obesity and socio-economic status (SES) rises across different population and is not consistent. In the developing world the increase in obesity in children is associated with increase in income and food availability and also when there is decrease income leading to unhealthy food practices and this shows a complex relationship between obesity and SES[55].

TRACKING OBESITY IN CHILDREN INTO ADULTHOOD:

Taken overall, the evidence based on research suggests that childhood obesity, which is established before adolescence, is a strong risk factor for development of adult obesity[56]. Hence we can logically conclude that preventing the development of obesity in childhood is essential and will have

a knock-on effect of reducing the risk of obesity in adulthood and obesity related other health consequences.

CHILDHOOD OBESITY AND ITS HEALTH CONSEQUENCES:

Obesity is associated with physical complications as described below and also psychological consequences[57].

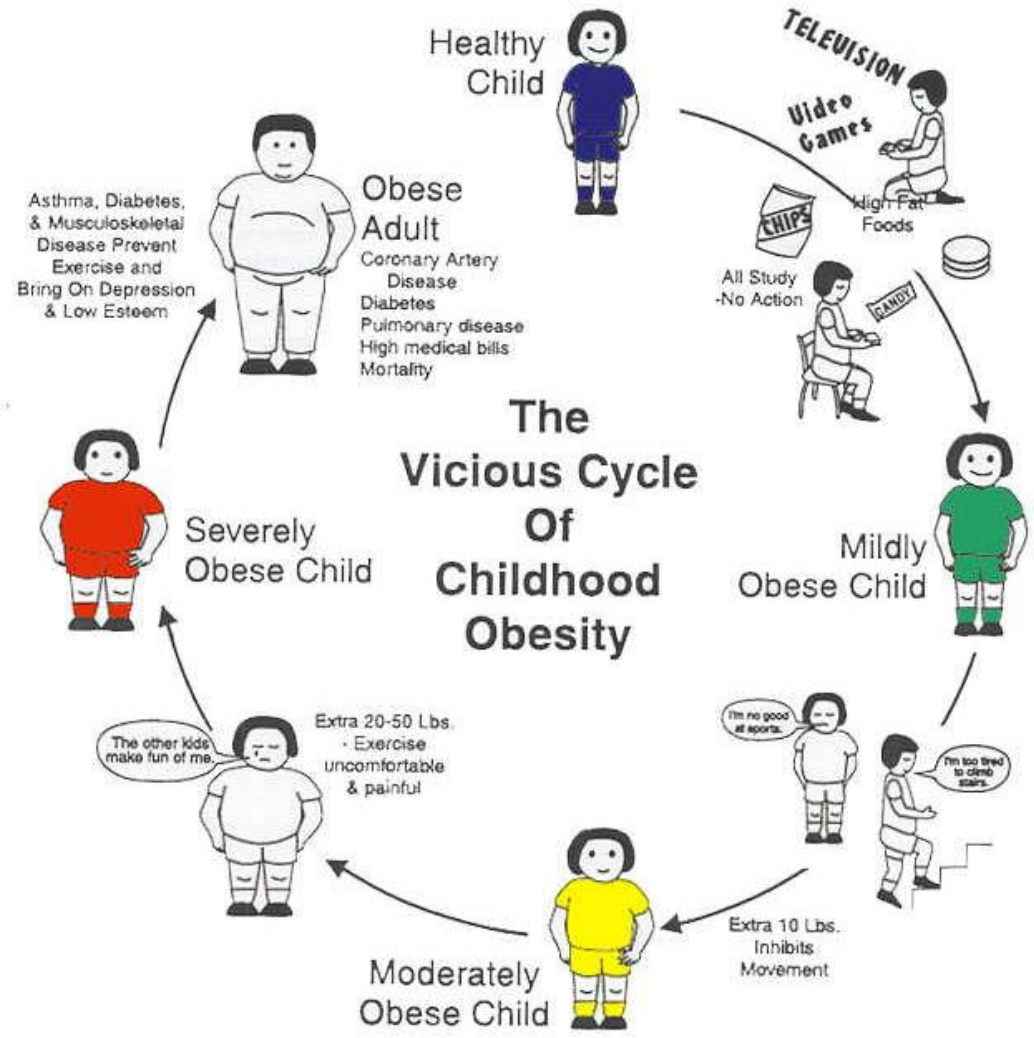
Table - 1 Physical health consequences of childhood overweight and obesity

Organ system	Condition
Cardiovascular	Hypertension Abnormal lipid profiles Atherosclerosis Left ventricular hypertrophy
Endocrine	Insulin resistance/abnormal glucose metabolism Type 2 diabetes Menstrual abnormalities Polycystic ovary syndrome
Gastroenterological	Nonalcoholic fatty liver disease Gastro-oesophageal reflux Gallstone development
Pulmonary	Asthma Sleep-associated breathing disorders
Orthopaedic	Slipped capital femoral epiphysis Genu valgum Tibia vara Flat feet Low back pain Scoliosis Osteoarthritis
Neurological	Idiopathic intracranial hypertension
Dermatological	Acanthosis nigricans

PSYCHO SOCIOLOGICAL STIGMA:

Many studies have found that children negatively stereotype overweight and obesity. Stigma such as criticism by parents, weight related teasing all lead to body dissatisfaction and poor self esteem[58].

Figure : 5 Vicious Cycle of Childhood Obesity



AETIOPATHOGENESIS OF CHILDHOOD OBESITY :

Aetiopathogenesis of obesity is multi-factorial and includes many factors like genetic, environmental, socio-cultural factors, neuroendocrine, metabolic and psychological[59].

There have been important developments and many factors which have evolved in controlling appetite like OrexinA, Ghrelin and other endogenous cannabinoids have been identified[60]. There is also a new concept called non exercise activity thermogeniens which provide us new perspectives on this energy expenditure. While adipose tissue is now being recognized as an important organ, by secreting leptin and other adipokines by which it communicates with brain and other peripheral tissues. Now adiponectin is considered to be a key hormone which is a protein factors released by white adipose tissues. Many cytokines and chemokines have been identified along with other inflammation related proteins as obesity also characterized by mild inflammation.

Leptin, a 16,000 MW cytokine-like protein, is a basic hormonal sign from adipocytes in the regulation of voracity and vitality parity, cooperating with a few hypothalamic orexigenic and anorexigenic pathways[61-64]. Consequently, the neuropeptide Y, melanin-concentrating hormone, orexin A, agouti-related peptide, and cannabinoid frameworks have each been accounted for to be repressed by leptin. Interestingly, the key anorexigenic

frameworks of master opiomelanocortin/ melanocortin, cocaine-and amphetamine-controlled transcript, and corticotrophin-discharging hormone are unregulated by the hormone. These different impacts of leptin result in a capable concealment of nourishment admission. Notwithstanding repressing admission, leptin assumes a part in the regulation of vitality use; a powerful illustration of this originates from overfeeding studies on typical and ob/ob mice. In one study, incline mice sustained a "cafeteria diet" gorged by 70% in vitality terms with no extra vitality affidavit; this is a capable outline of the quite faced off regarding marvel of eating regimen affected thermogenesis. Fortunately, in this specific study, the vitality admission of the incline mice bolstered the cafeteria eating regimen was the same as that of ob/ob mice sustained a standard lab diet[65].

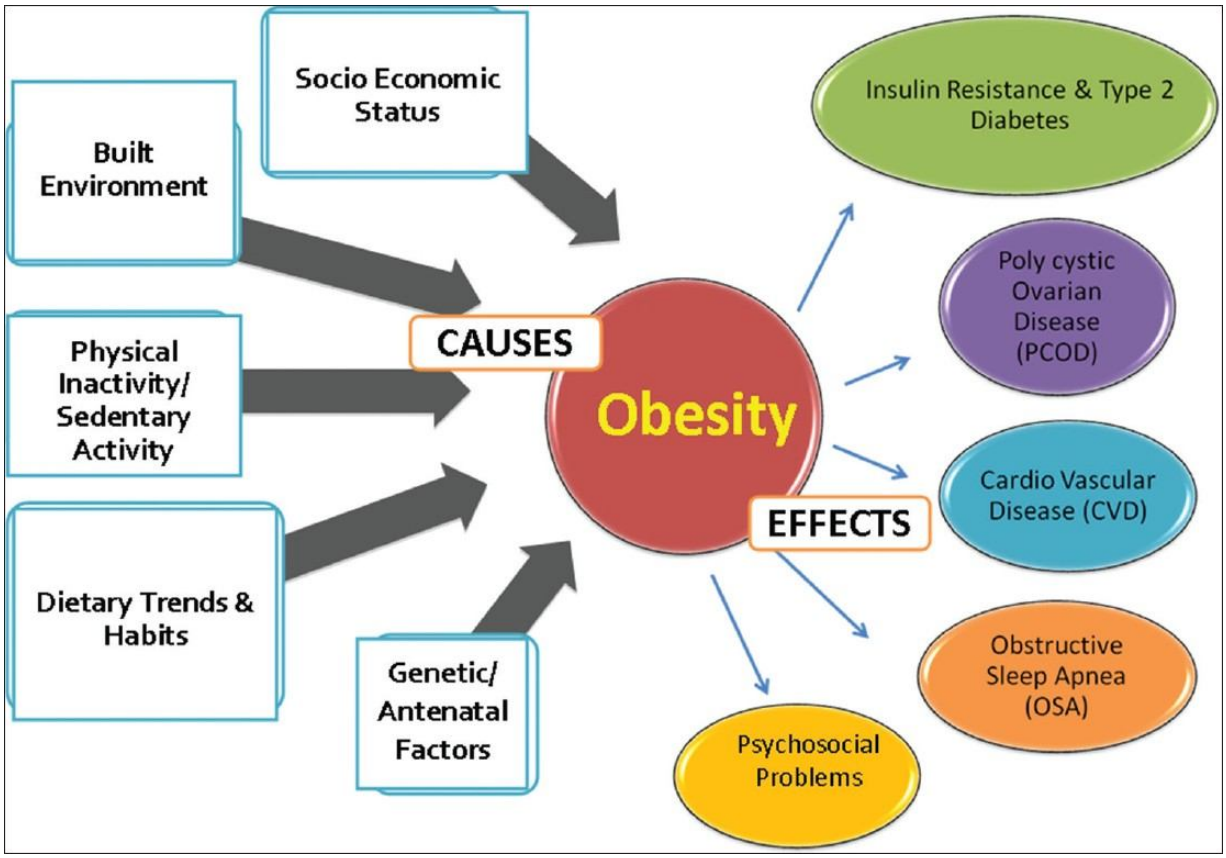
On the other hand, the rate of vitality testimony of the fat was 3 times that of the incline. In this manner, the ob/ob mutants lacking practical leptin had an enormously lessened limit for eating regimen incited thermogenesis. Adipokines, the ID of leptin prompted the acknowledgment that white fat is an imperative endocrine organ. For sure, it is currently obvious that white adipocytes emit a multiplicity of protein flags and variables termed adipokines. The differences of the adipokines are impressive, as far as both protein structure and capacity. The adipokines include established cytokines (e.g., TNF-cx, IL-6), chemokines (e.g., monocyte chemoattractant protein-1

[MCP-1]), proteins of the option complement framework (e.g., adipsin), and proteins included in vascular hemostasis (e.g., plasminogen activator inhibitor-1 [PAI-1]), the regulation of pulse (angiotensinogen), lipid digestion system (e.g., cholesteryl ester exchange protein, ret□inol tying protein), glucose homeostasis (e.g., adiponectin), and angiogenesis (e.g., vascular endothelial development variable [VEGF) typical LDL molecule.. Resistin is another hormone emitted by fat tissue, which brings about insulin resistance and weight related sort 11 diabetes. Leptin, the result of Ob quality has no part in the insulin resistance associated with heftiness. Heftiness does not come about because of a solitary element[66-68].

Social, behavioral and biologic variables control the vitality admission and consumption. Hereditary and hormonal elements add to individual weakness. It has been set up certain that an abdominal area fat conveyance presents a more prominent metabolic and wellbeing danger than a lower muscle to fat ratio dissemination. The part of FFA in the genesis of the metabolic disorder of stoutness has additionally been built up past doubt. Adipose tissue is presently given the status of an organ. It, truth be told, is having significant capacities than already suspected. It mirrors the store sustenance on board and absence of fat tissue is connected with diminished work productivity, menstrual and ripeness issue and psychosocial issues. The number and size of fat tissue increments amid growth and outset. This

proceeds in adolescence at a moderate pace. In adulthood, in many people, the fat tissue is generally stable. It is to be noted that fat tissue is likewise given the status of an endocrine organ. It secretes a 16 kD protein called leptin in extent to the size and number of fat cells. The OB quality encodes this protein. It courses bound to tying proteins and crosses the blood-cerebrum hindrance. It appends to OB receptors in the hypothalamus and choroids plexus and sends various signals that outcome in hunger regulation, nourishing conduct and upkeep of body weight. It additionally impacts quality expression and emission of neuropeptide Y (NPY). NPY is an intense stimulator of sustaining [69-70].

Figure : 6 Obesity Causes and Effects



BIOLOGICAL CAUSES:

A few percentage is said to be from identifiable causes such as hormonal, syndromic, neurological, or single gene defect conditions[71]. Apart from this some children display a genetic predisposition to obesity, which has been studied in few twins[72].

ENVIRONMENTAL CAUSES:

There is an indirect association between the environmental influence and the risk of developing obesity. Obesity rates are high in urban areas, because of the change in lifestyle such as deserved physical activity and increased consumption of food which is energy dense [73,74.] There also no safe are for children to play outside and the infracture do not support walking. The pressure on children to only study along with the decrease in physical education classes conducted in schools has also lead to an increase in obesity. These factors have become important in terms of public health action and many studies are now focusing on above explained parameters. Some studies have also explained that obesity is increasing in low income group also because they do not provide nutritious meal to children and they do not have access to fresh food[75]

PREVENTION OF OBESITY IN CHILDREN:

Some of the preventive measures adapted are limited consumption of sugar drinks, encouraging diets which are rich in fresh fruits and vegetables, limiting screen viewing time less than 2 hours per day, having a compulsory breakfast, family meal should be encouraged, increase in physical activity[76].

The below are some of the models used for prevention which are actat various levels

Figure : 7 Ecological Model for Health Promotion

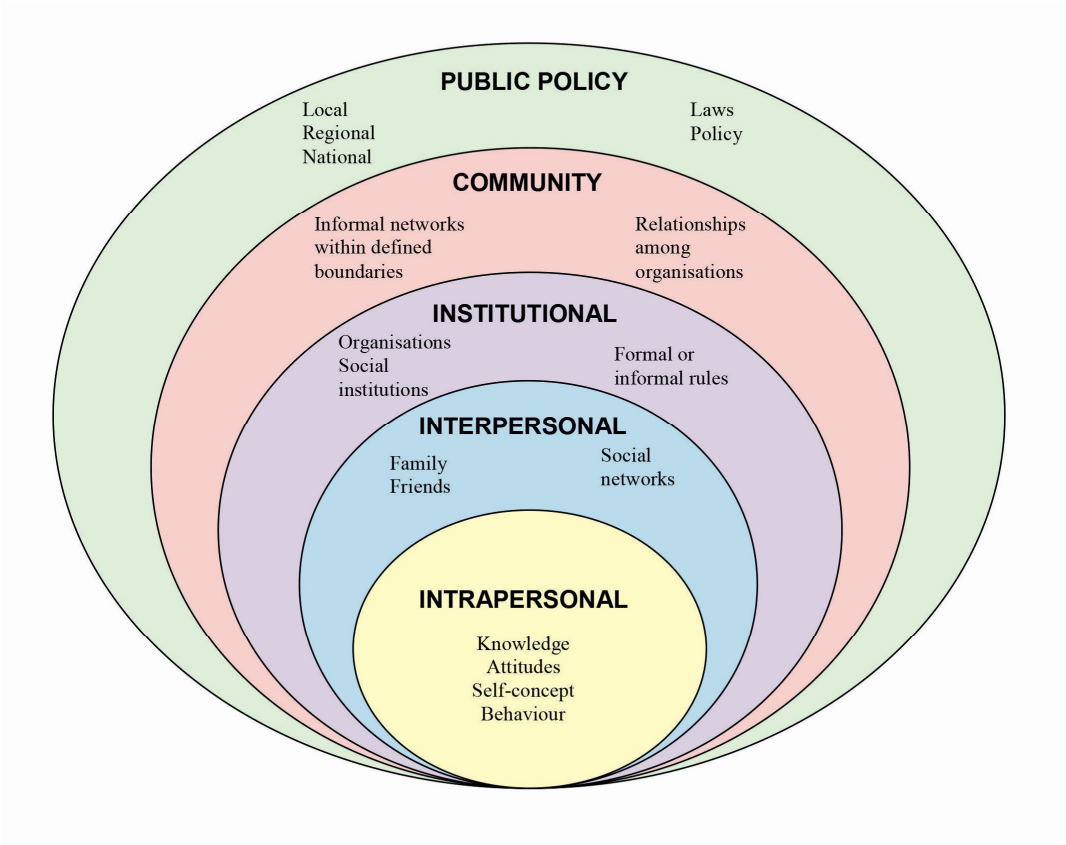
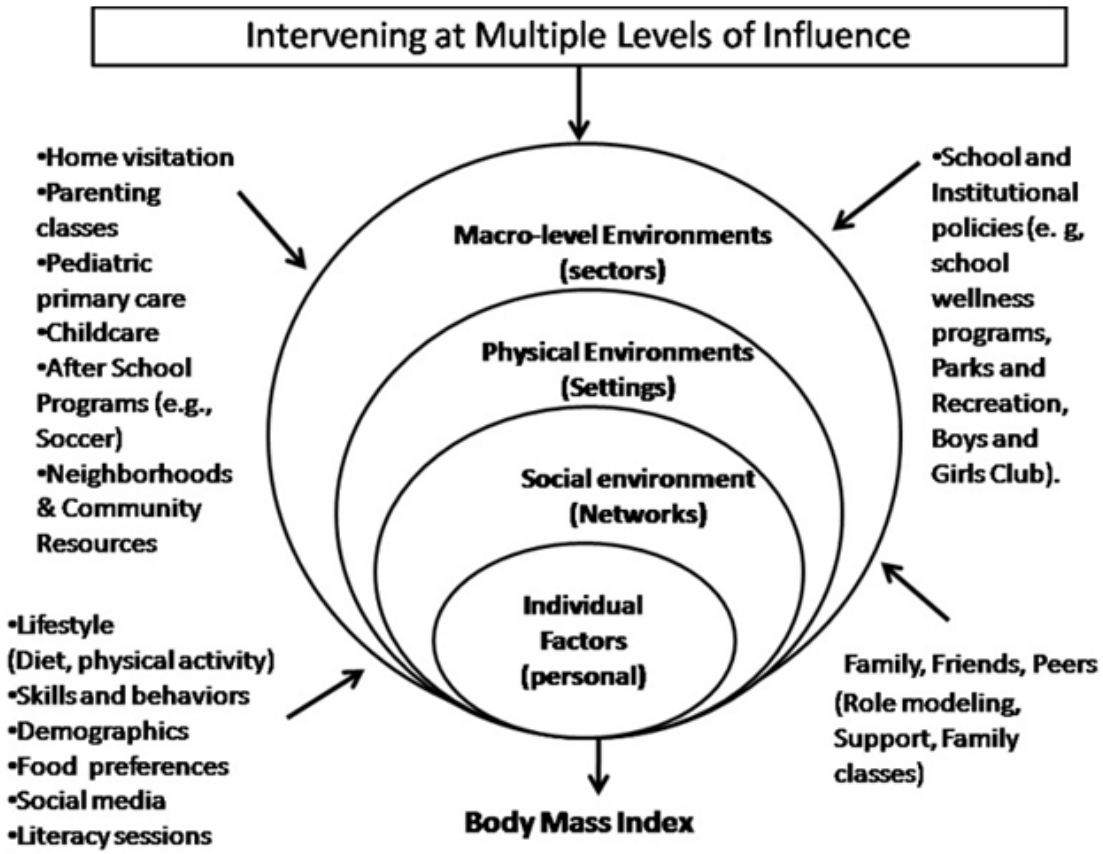


Figure : 8 Intervening at Multiple Levels



STUDIES PERTAINING TO THIS TOPIC

Savva SC, Tornartis M, Savva ME did a study on waist circumference and waist-to-height ratio to be better predictors of cardiovascular disease risk factors in children than body mass index. They stepwise multiple regression analysis for their studies and found that waist circumference was the most significant predictor among all variables for both boys and girls, whereas BMI had the lowest predictive value[77].

In 2006, a Cross-Sectional Comparison of BMI and Waist Circumference in British Children by McCarthy HD[1], Ellis SM, Cole TJ was conducted to compare WC, BMI, and WHR data in three different samples of children to study the prevalence of obesity. In their study, the proportion of children who were classified as overweight had not changed significantly using all the measures; however the children who were classified as obese increased by fourfold. This data provides us a strong case for questioning the current interpretation and the use of BMI and WC and highlights the need for better understanding the relationship between both and the changes associated with growth during childhood and the associated health risk. During the past 10-20 years, trends in WC have greatly exceeded when compared with BMI, particularly in girls, and this shows that BMI is a poor proxy for central fatness. BMI has therefore systematically underestimated the prevalence of obesity in children and adolescents[78].

A cross-sectional study from Madras Diabetes Research Foundation by Sonya Jagadesan, Ranjani Harish was done to estimate obesity in children in Chennai, India, and they observed that the prevalence of overweight/obesity was significantly higher in private schools when compared to government schools and was also higher among girls (IOTF: 18%, Khadilkar: 21.3%) compared to boys (IOTF: 16.2%, Khadilkar: 20.7%) , and higher among adolescents (IOTF: 18.1%, Khadilkar: 21.2%) when compared to children (IOTF: 15.5%, Khadilkar: 20.7%)[79].

A study in London by Wardle obesity at the time of transition from childhood to adolescence, found that overweight/obesity which was estimated by using both BMI and waist circumference) present around age of 11years was highly likely to persist to the age of 15[80].

NEED FOR STUDY

The present prevalence of overweight and obesity in India is 11- 29-%. Obesity has been declared as a global pandemic that constitutes one of the leading future threats to public health. In people of South Asian origin, central obesity alone is a powerful predictor of morbidity and mortality for a number of chronic diseases. Globally, it has been estimated that three out of ten children aged between 2 and 15 are considered to be overweight or obese, as per the latest statistics[81-83]. However this is mainly based on measurement program done by schools which uses Body Mass Index which is plotted on a growth chart where the age is also taken into account. Now experts have said

that this leads to an underestimation of the childhood obesity problem as it does not account where the children carry the extra weight on their body. If WC is used along with BMI, then four out of ten children would become classified as either overweight or obese[84]. Fat around the middle has to be considered as most hazardous to health as it increased the risk for development of type 2 diabetes, which is missed by BMI. So the purpose of this study is to estimate the prevalence of obesity using BMI, waist circumference and waist/ height ratio in assessing the prevalence of obesity. Obesity in children and adolescents is now a major public issue even in developing countries, including India. There is a chance that one-half of these obese school children might become obese adults. Whether or not obesity persists into adulthood, even in childhood obesity, is also associated with an increase in the risk of subsequent morbidity[85]. This shows the Significance of estimating the prevalence of obesity in children which cannot be overemphasized. There are only few studies which report the prevalence of childhood and adolescent obesity and overweight in the different parts of India such as (Punjab, Maharashtra, Delhi and South India) and the percentage range from 3% to 29%, and this indicates in urban areas the prevalence is high when compared to rural areas. Worldwide a controversy is going on regarding childhood obesity. It is more prevalence in India. I have seen many obese children and have wondered about the causes. That is the reason which influenced me to do this research on my statement problem.

MATERIALS AND METHODOLOGY

STUDY DESIGN

This study is a school-based, descriptive, cross-sectional study.

STUDY PERIOD

The study was carried out over a period of twelve months, from July 2014 to July 2015.

ETHICS

The study was approved by the Ethical Committee of Coimbatore Medical College Hospital and informed consent was obtained from Chief Educational Officer (Coimbatore Corporation) and also from the School Principal and participants of the study, for the study purposes.

STUDY POPULATION

The population under study are 11 to 15 years old urban school children in Coimbatore district, Taminadu.

SAMPLE SIZE

The total number of students of 11-15 years of age was obtained from The Chief Educational Officer (Coimbatore Corporation) including government and private schools. The total number of students are 1,15,724 and the average number of students per class is 42,301.

The sample size calculation formula

$n=t^2*p\ (1-p)/m2$

Description

n=required sample size

t=confidence level of 95%

(standard value of 1.96)

p=expected frequency of the factor under study-14.7%

m=margin of error of 2.5%

$n=1.96^2 *0.147(1-0.147)/0.025^2 = 770$

The sample is increased by 10% to account contingencies like non response and recording error.

n+10%=770+10% =848 sample.

Round off - 850 samples.

Government schools - 50%

Private schools - 50%

Study sample - 850

Using the above-mentioned formula, previous studies and in consultation

with the statistician ,the sample size was calculated to be 850 and the sample strata was calculated to be 170 for each age group from 11-15 yrs.

SAMPLING TECHNIQUE

Thus, 850 subjects from Coimbatore district were selected for this study. We adopted a multistage stratified random sampling procedure. Schools were selected based on the list of schools in Coimbatore which was obtained from the District Education Office. By using simple random technique, first six schools were selected. The Probability, proportional to the size sampling technique was used to select the sample from each school. Both government & private schools were included & the ratio was 1:1 in accordance with distribution of schools in Coimbatore. On reaching the selected school, the classes were selected randomly from each grade. The Students were then selected from each class by again using simple random technique, with help of the students' register, till the desired sample was met. From individual classes from each institution, 50 subjects would be recruited. Students who did not submit the Performa or those whom were notable & who were not cooperative were considered as non-respondent.

INCLUSION CRITERIA

11-15 yrs of urban school children in Coimbatore

EXCLUSION CRITERIA

Students with major dysmorphology or signs of physical deformity

TOOLS AND MATERIALS USED

A Proforma was used and details were collected, which included their involvement in physical activities such as participation in games, sports activities they preferred or predominantly indoor activities. Their screen viewing time which included watching television, playing computer and video games was also noted. Their food habit weather healthy & Unhealthy & eating junk food was taken into consideration. The number of meals consumed while watching television and their sleeping time and morning rising time were noted. The age, educational status, occupation of both parents and their monthly income, family size and the socio-economic status were also taken into consideration. The socio-economic status was assessed based on the Modified Kuppuswamy scale.

For measuring height a portable stadiometer was used.

Weight was measured using portable electronic weighing machine .

Waist circumference was measured using a non stretchable elastic tape.

METHODOLOGY

The study was approved by the Ethical Committee of Coimbatore Medical College Hospital, Coimbatore and informed consent was obtained from Chief Educational Officer (Coimbatore Corporation) and also from the School Principal and participants of the study, for the study purposes.

PROCEDURE

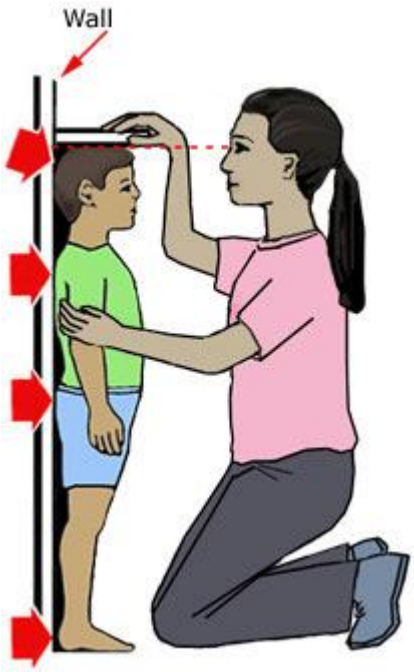
MEASUREMENT OF HEIGHT

Height was measured, standing using a portable stadiometer (range 60 - 207 cm). It was ensured that the stadiometer was on level ground.

Figure : 9 Stadio Meter

The child stood in socks or barefoot on the flat base of the stadiometer, feet slightly apart and the back of the head, the shoulder blades, buttocks and heels touching the vertical rod, and head in the Frankfurt plane. Gentle traction was applied to the mandibular process and the headboard was then lowered. The reading was taken to the last completed mm, avoiding parallax, and two such readings were averaged for analysis.

Figure : 10 Measurement of Height



Thus height was measured as per the WHO child growth standards: training course on child growth assessment, 2008. When assembling the height boards, it was checked that they are assembled correctly by measured rods of known length.

MEASUREMENT OF WEIGHT

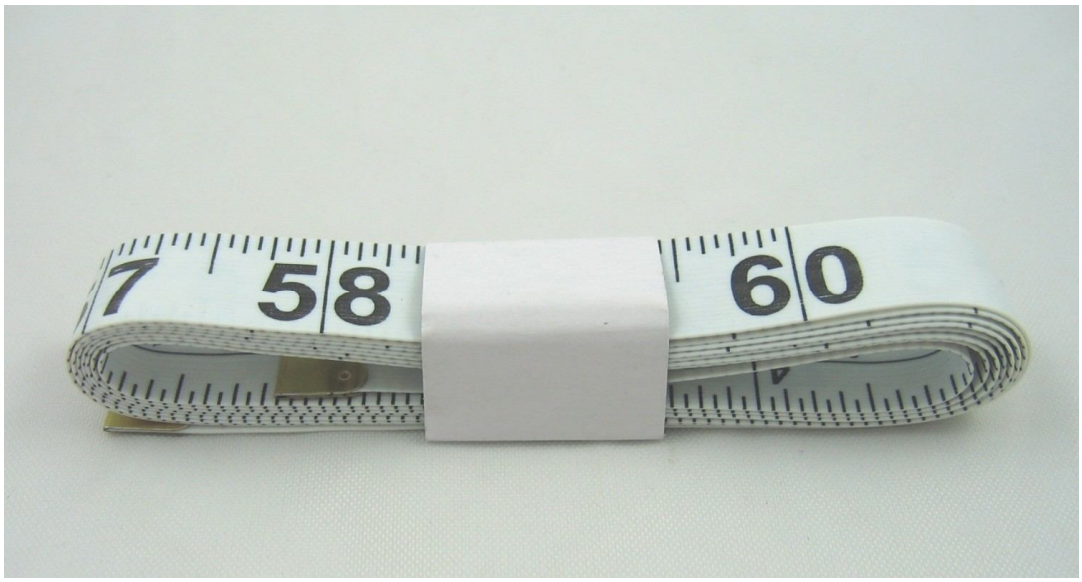
The scale was placed on a flat, hard, even surface. The children were asked to stand in the middle of the scale, feet slightly apart and they were to remain still until the weight appears on the display. Then weight was measured using a portable electronic weighing machine accurate to 100 g. As per the WHO child growth standards: training course on child growth assessment, 2008. The weighing scale was regularly checked with known standard weights of 3, 5, 10 and 20 kg. The accuracy of equipment was checked at the time of purchase and thereafter at least once weekly.

Figure : 11 Weighting Scale

MEASUREMENT OF WAIST CIRCUMFERENCE:

An important issue for both using and for interpreting waist circumference is the protocol used to obtain the measurements. Here we have the protocol as discussed, the anatomical placement of the measuring tape, its tightness and the type of tape used, the subject's posture, phase of respiration and abdominal tension.

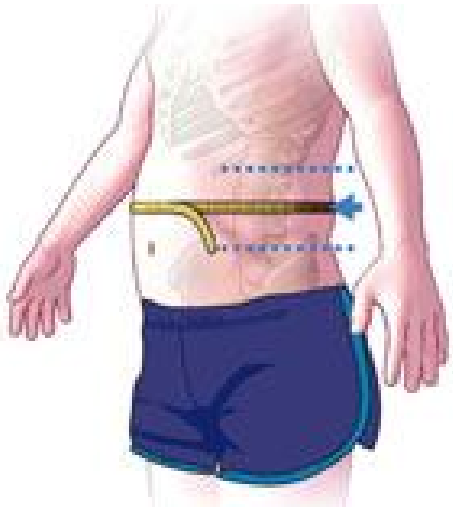
Figure ; 12 Inch Tape



Placement of tape:

The WHO STEPS protocol is used for measuring waist circumference which instructs that the measurement must be made at the approximate midpoint between the lower margin of the last palpable rib and the top of the iliac crest (WHO, 2008b). In this study also the waist circumference has been measured in the same manner. Lower margin of the last palpable rib and the top of the iliac crest.

Figure : 13 Measurement of Waist Circumference



The tightness and type of tape used:

Most importantly the accuracy of waist circumference measurements depends on how tight the tape is used, and its correct positioning. The WHO STEPS protocol states that, for WC measurement of waist, the tape should be kept snug around the body, but in such a way that not pulled so tight which then becomes constricting (WHO, 2008b). It is recommended to use a tape which is stretch resistant.

The posture of students during measurement:

At the time of measurement, the posture in which the subject stands also influences the accuracy of measurement. Thus, the WHO STEPS protocol recommends that the subject should stands with both arms at the sides and feet positioned close together, and weight evenly distributed across the feet (WHO, 2008b).

The phase of respiration at the time of measurement:

This determines the extent of fullness of the lungs and the position of the diaphragm during measurement; which in turn influences the accuracy of the measurement. The WHO STEPS protocol suggests that the waist circumference should be measured at the end of a normal expiration, when the lungs are at their functional residual capacity (WHO, 2008b). In this study, the waist circumference was thus during measured at the end of a normal expiration.

The abdominal tension during measurement:

The tension of the abdominal tension in turn affects the accuracy of the waist circumference measurement. Decreasing the abdominal wall tension increases waist circumference, whereas increasing the tension (by sucking in) reduces waist circumference. Some of the individuals unconsciously react at the time of measurements by sucking in their abdominal wall; hence, a relaxed posture is aimed for taking correct waist measurements. The WHO STEPS protocol recommends that the subject should advice to be relaxed and take few deep breaths before the actual measurement is made, which will minimize the inward pull of the abdominal contents during the waist measurement (WHO, 2008b), which was followed in this study.

Following the above protocol, WC was measured with the students standing with their feet close together and both arms at their sides in a relaxed position, during the end of their normal respiration. The measurements were repeated twice and the difference should be less than 1cm, then the average was confirmed. If it exceeded 1 cm measurements were repeated. The tape was regularly checked and if there was any damage the tape was replaced.

The anthropometric measures we took were the height, weight, and WC and the same protocols were followed for all students, and measurements were taken by the same person.

- BMI was calculated by the formula

$$\text{BMI} = \frac{\text{WEIGHT IN KG}}{\text{HEIGHT IN M}^2}$$

and the student was considered obese if he or she was more than or equal to 27^{th} adult equivalent of IAP BMI chart - Annexure : 7-8

WC was thus measured and the student was considered obese if he or she was more than or equal to 75^{th} Percentile of Smoothed and Weighted Age and Sex Specific Waist Circumference Percentile Values (cm) for Indian Children 3-16 years of age Ref : Annexure : 9

WHR was calculated by the formula

$$\textbf{WHR} = \frac{\textbf{WAIST CIRCUMFERENCE IN CM}}{\textbf{HEIGHT IN CM}}$$

and the student was considered obese if he or she was more than or equal to 0.5 as per the Smoothed And Weighted Age And Sex Specific Waist - Height(Wht) Ratio Percentile Values For Indian Children 3-16 years of age Ref : Annexure : 10

STASTICAL ANALYSIS

The data are reported as the mean +/- SD or the median depending on their distribution. The differences in quantitative variables between the groups were assessed by means of an unpaired T test. The comparison between groups were made by the Non parametric Mann-Whitney test. ANOVA was then used to assess the quantitative variables. A Chi square test was used to assess the difference in categorical variables between groups. ROC curve and Odds ratio were performed. A p value of <0.05 using a two - tailed test was taken as being of significance for all statistical tests. All data were analyzed with a statistical software package.(SPSS, version 16.0 for windows).

RESULTS

The table below shows the number of children involved in the study in the various age groups including gender distribution and distribution in private and government schools

Table : 2 Age Distribution

Age Distribution			
	Gender		
Age	**MALE**	**FEMALE**	**Total**
11	68	106	174
12	75	96	171
13	85	86	171
14	50	122	172
15	61	110	171
Total	339	520	859

Figure : 14 Age Distribution

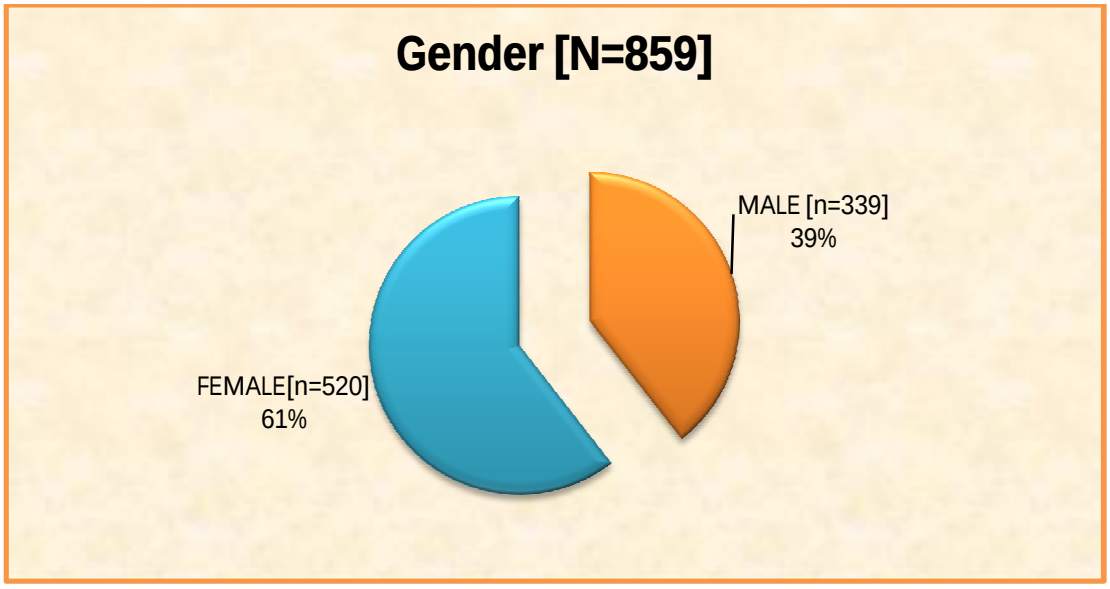
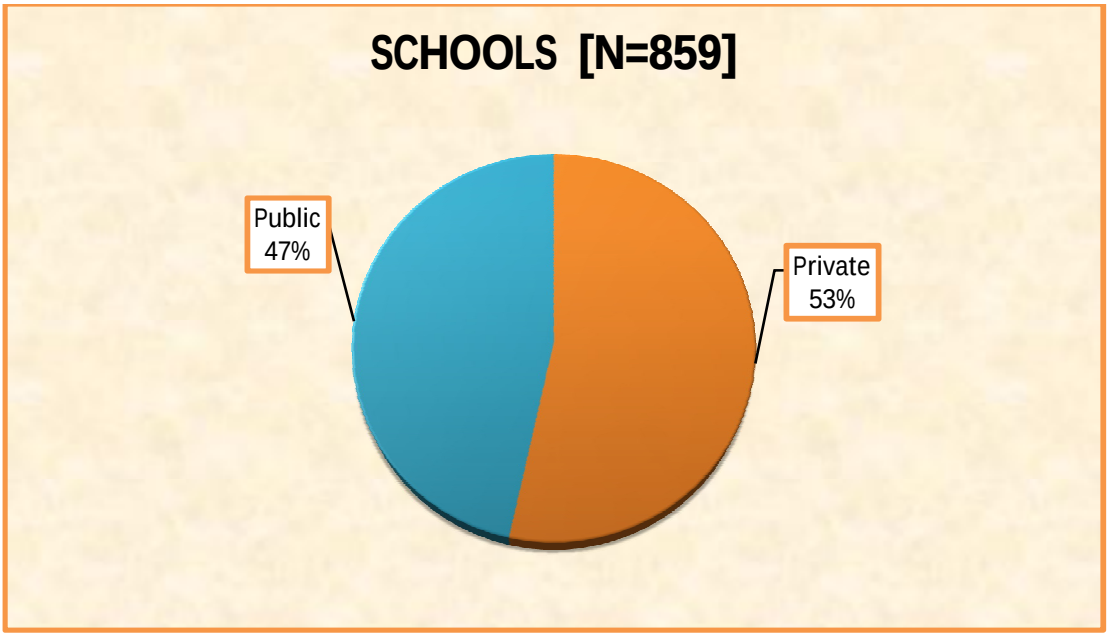


Figure : 15 Schools

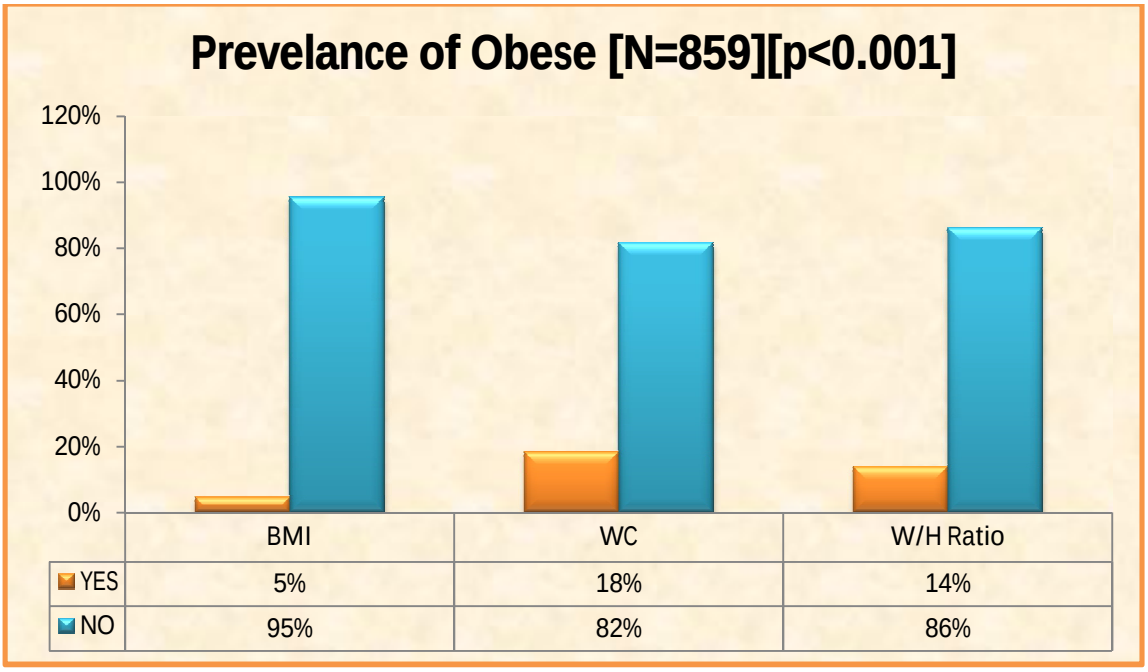


From the study population of 860 children, 859 were included and the prevalence of obesity is as follows. According to BMI - 40 children, 5% are obese; WC - 157 children,18% are obese and WHR-119 children, 14% are obese.

Table : 3 Prevalence of Obesity in the study Population

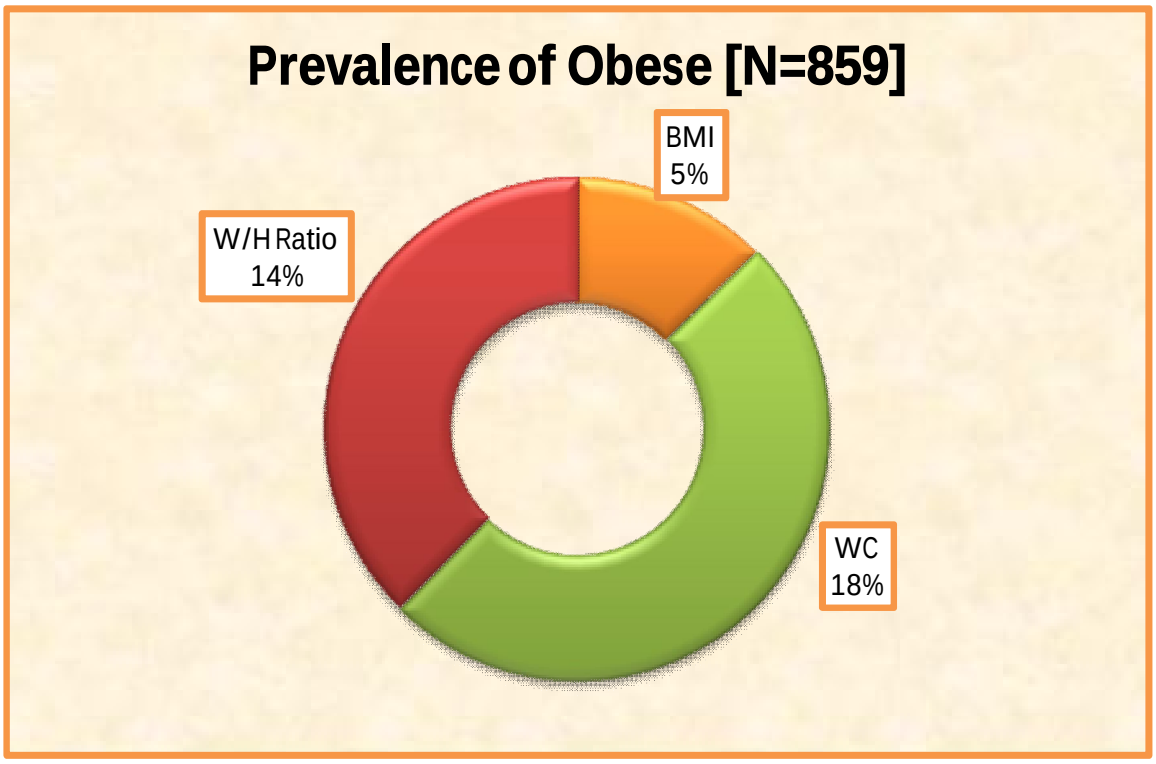
Prevalence of Obesity in the study Population		
	OBESE	
Variables	YES	NO
BMI	40	819
WC	157	702
W/H Ratio	119	740

Figure : 16 Prevalence of Obesity in study population



Much studies have not been conducted using all three parameters for estimation of obesity and hence in this study we could estimate that by using WC for estimating obesity, then the prevalence increases by 13.6% and by using WHR the estimation of obesity increases by 9.2% and by using combined WC and WHR the estimation of obesity increases by 11.4% than BMI which only estimates 5% of obesity. Thus if only a single factor such as BMI is used obesity may be underdiagnosed.

Figure : 17 Prevalence of Obesity



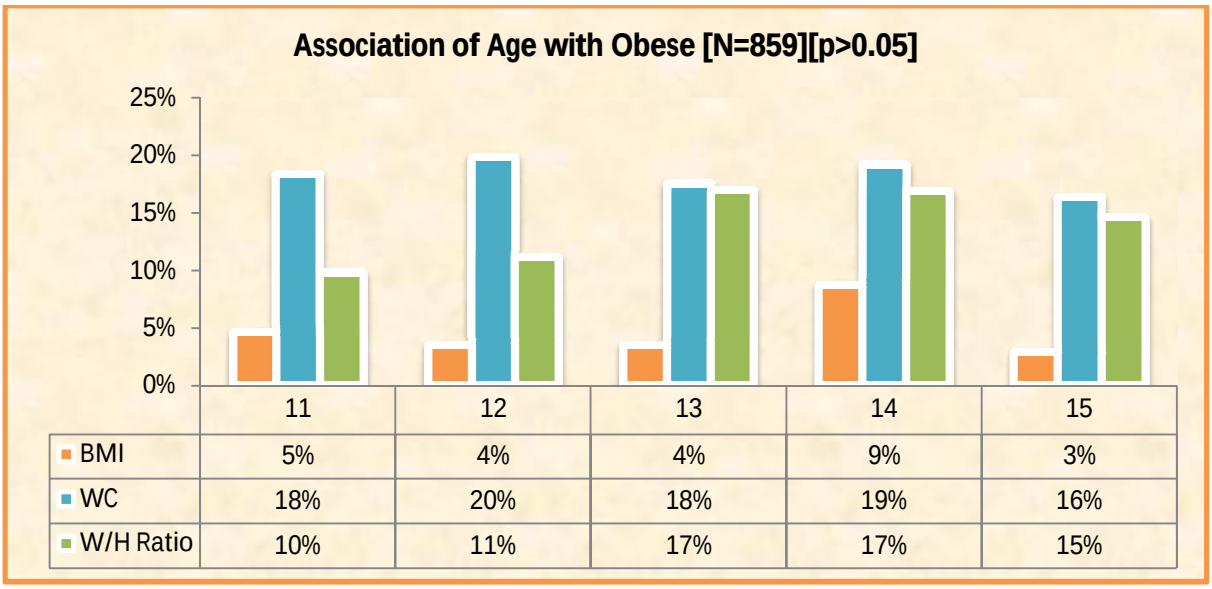
RISK FACTORS FOR OBESITY

In this study various risk factors taken into account are as follows:

AGE AND GENDER OF THE CHILDREN AND OBESITY

The age of children being obese is more in 12 to14 years age group

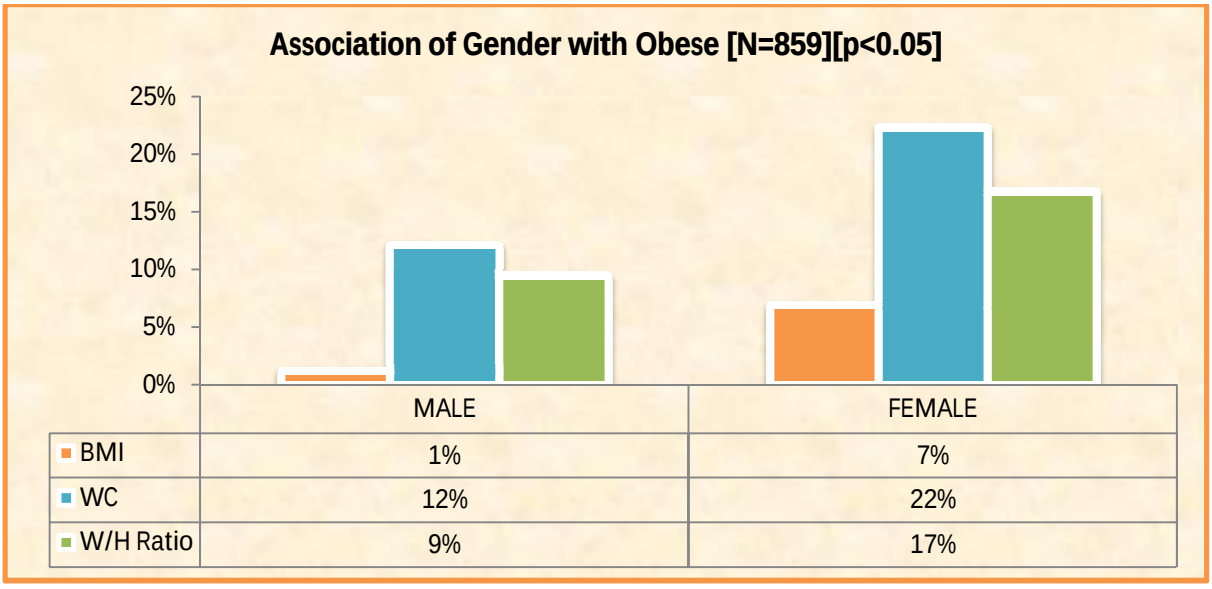
Figure : 18 Association of Age with Obese



	11	12	13	14	15
BMI	5%	4%	4%	9%	3%
WC	18%	20%	18%	19%	16%
W/H Ratio	10%	11%	17%	17%	15%

According to this study, obesity is more in females in all ages

Figure : 19 Association of Gender with Obese



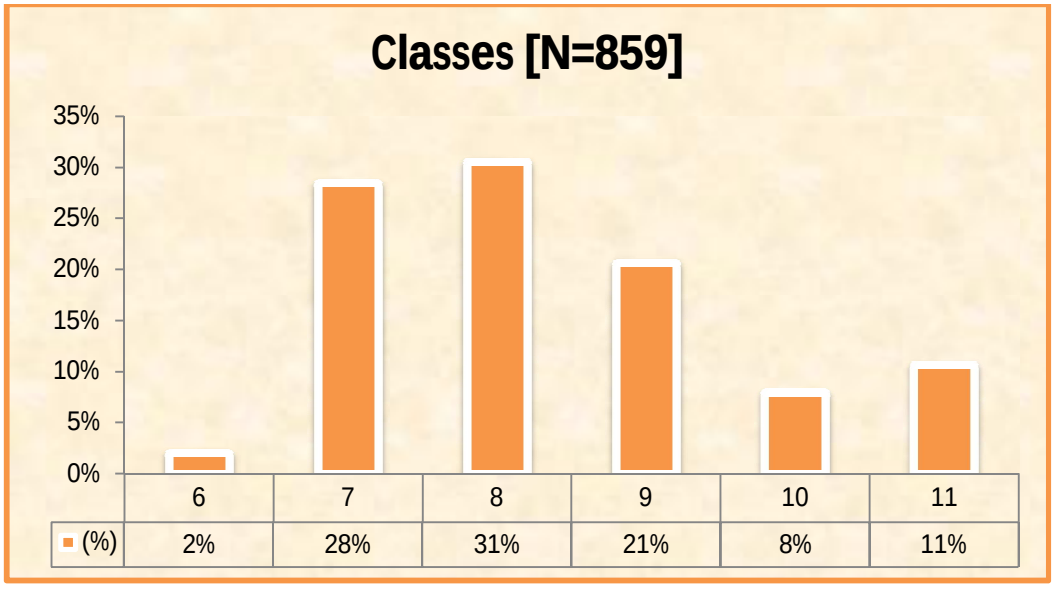
	MALE	FEMALE
BMI	1%	7%
WC	12%	22%
W/H Ratio	9%	17%

GRADE STUDIED WITH OBESITY

Table : 4 Standard Wise

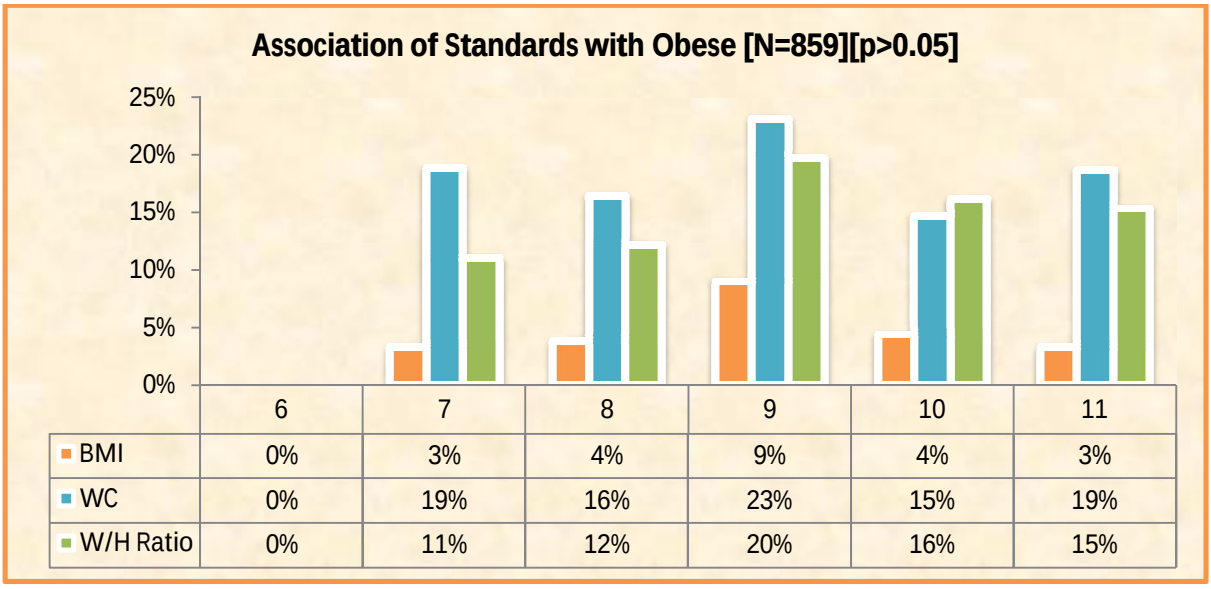
Standard wise		
STD	n	(%)
6	17	2%
7	244	28%
8	262	31%
9	177	21%
10	68	8%
11	91	11%
Total	859	520

Figure : 20 Classes



Similar to age, there is increased obese children in class 8 followed by class 7 and 9.

Figure : 21 Association of Standards with Obese



	6	7	8	9	10	11
BMI	0%	3%	4%	9%	4%	3%
WC	0%	19%	16%	23%	15%	19%
W/H Ratio	0%	11%	12%	20%	16%	15%

MODE OF SCHOOL WITH OBESITY

Table : 5 Association of Mode of School with Obese in Study Population

Association of Mode of School with Obese in study population				
		OBESE		
School	**TOTAL**	BMI*	WC*	W/H Ratio*
Private	459	30	95	73
Govt.	400	10	62	46
* --> Significant at <0.05 level				

Figure : 22 Association of Mode of School with Obese

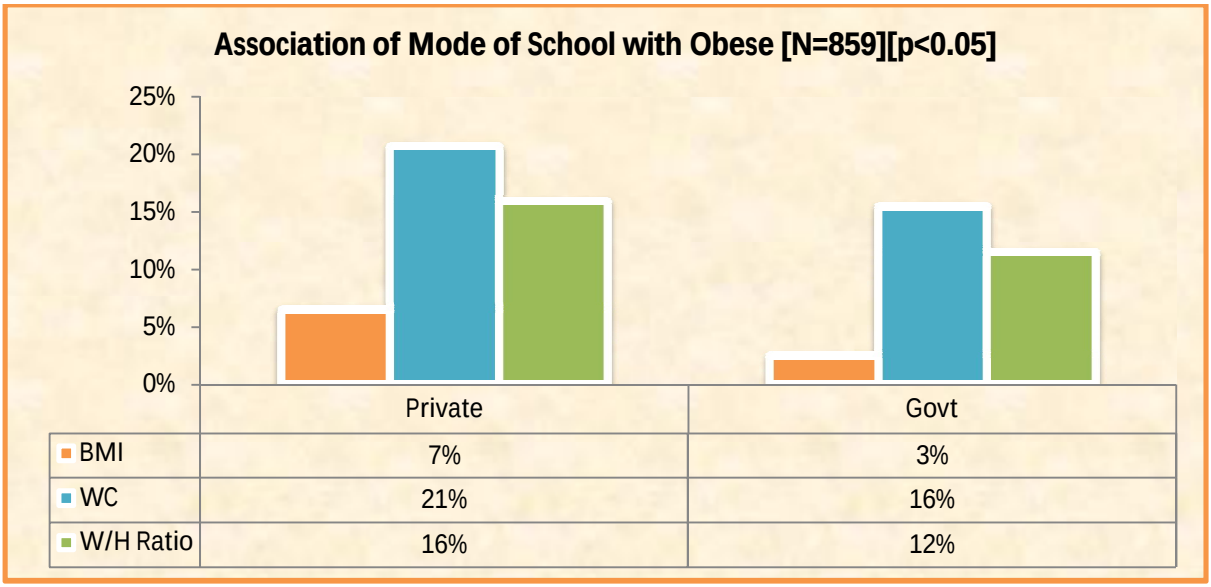


Table : 6 ODDS RATIO - Private School

ODDS RATIO - Private school			
		BMI	2.727 [95% CI : 1.316 - 5.652]
		WC	1.422 [95% CI : 1.000 - 2.024]
		W/H ratio	1.455 [95% CI : 0.979 - 2.163]

According to this study, obesity is more in private schools when compared to government schools.

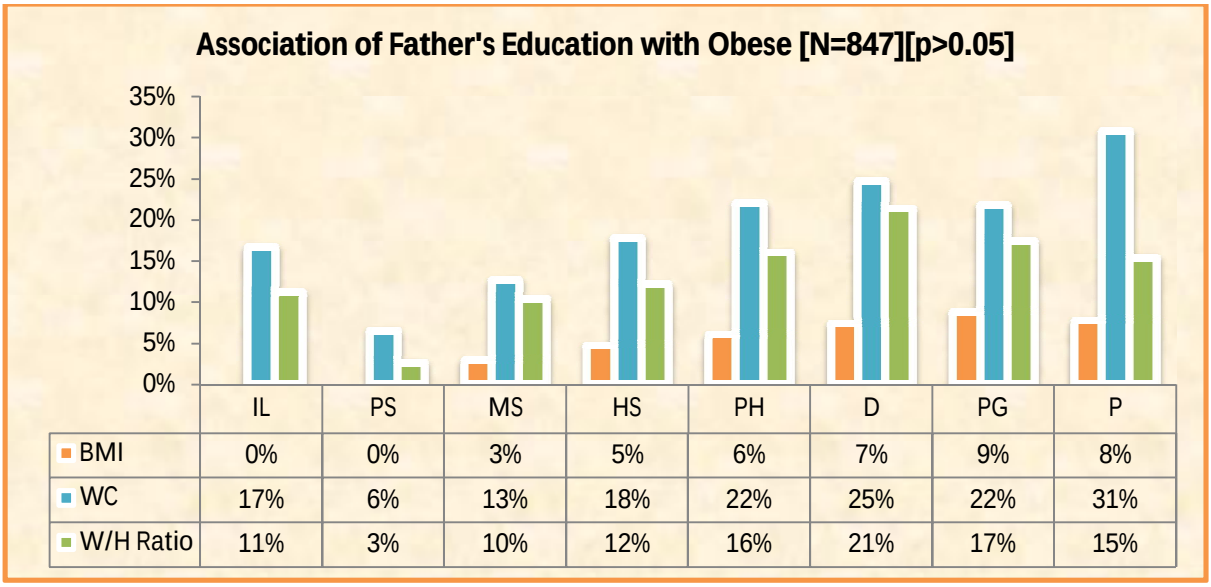
FATHERS EDUCATION WITH OBESITY

According to this study, obese children are more when fathers are degree holders, post graduates and professionals.

Table : 7 Association of Father's education with Obese in study population

Association of Father's education with Obese in study population				
		OBESE		
FATHER'S EDN	**Total**	BMI	WC*	W/H Ratio
ILLITERATE	18	0	3	2
PRIMARY SCHOOL	77	0	5	2
MIDDLE SCHOOL	174	5	22	18
HIGH SCHOOL	214	10	38	26
POST HIGH SCHOOL	150	9	33	24
DEGREE	178	13	44	38
POSTGRADUATE	23	2	5	4
PROFESSIONAL	13	1	4	2
* --> Significant at <0.05 level				

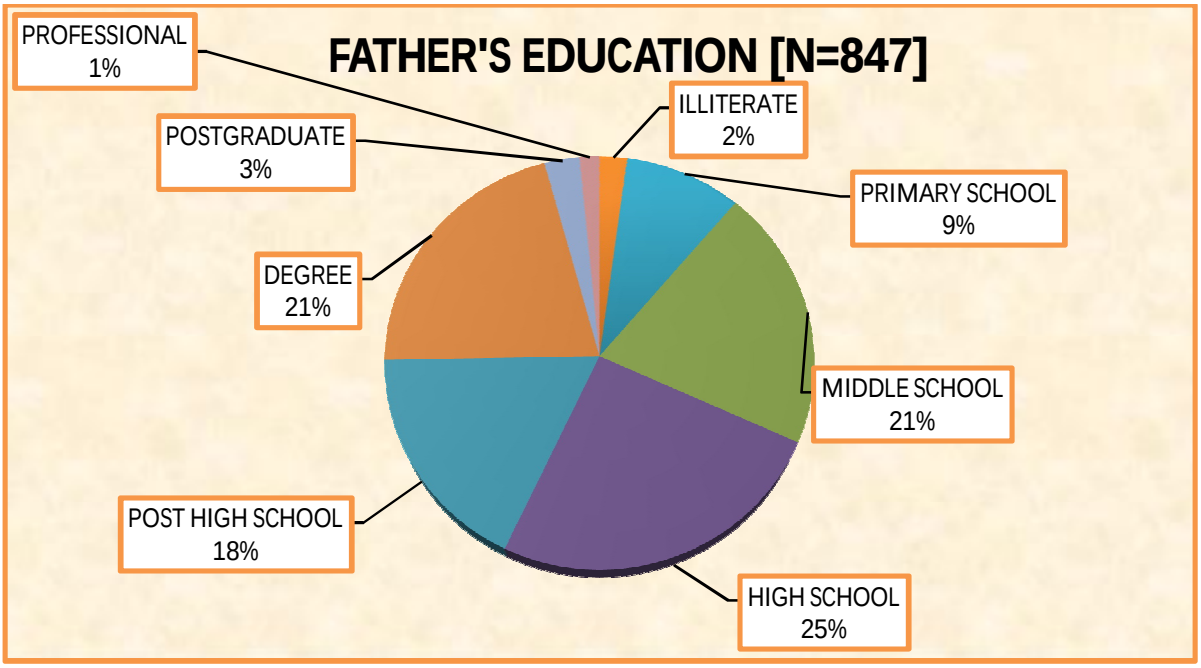
Figure : 23 Association of Father's Education with Obese



	IL	PS	MS	HS	PH	D	PG	P
BMI	0%	0%	3%	5%	6%	7%	9%	8%
WC	17%	6%	13%	18%	22%	25%	22%	31%
W/H Ratio	11%	3%	10%	12%	16%	21%	17%	15%

For most of the children, their father's education is high school which accounts for 25%, followed by middle school and degree holders, each 21% and then the rest.

Figure : 24 Father's Education



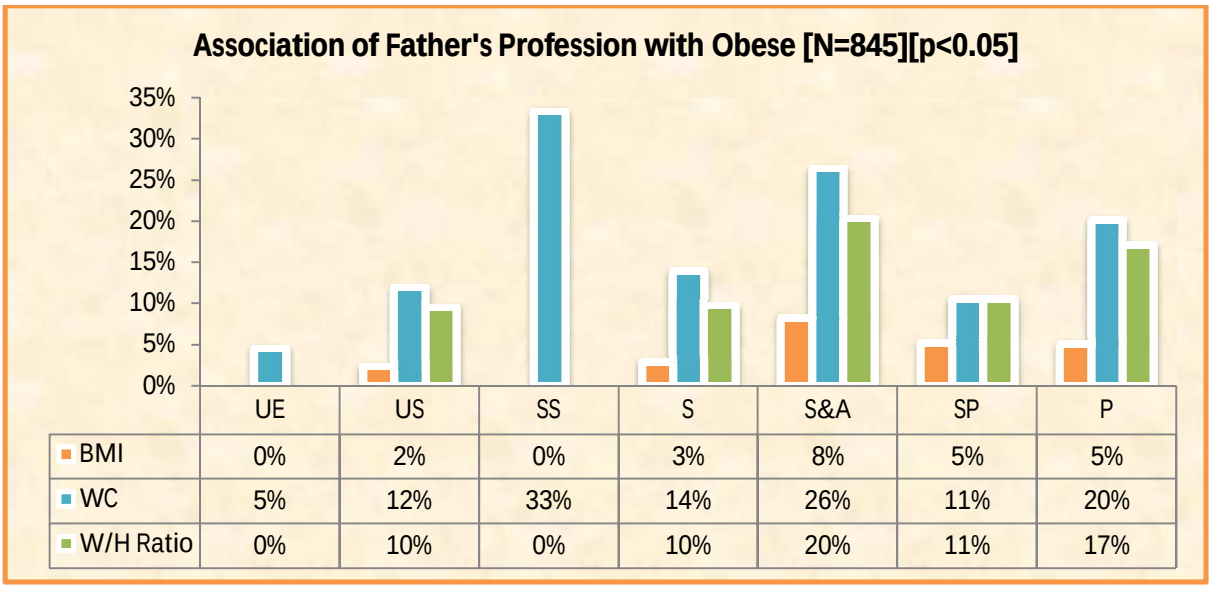
FATHER'S PROFESSION AND OBESITY

According to this study, obese children are more for fathers who are semi skilled and those who are business men and agriculturists.

Table : 8 Association of Father's Profession with Obese in study population

Association of Father's Profession with Obese in study population				
		OBESE		
FATHER'S PROFF	**Total**	BMI*	WC*	W/H Ratio*
UN EMPLOYED	22	0	1	0
UN SKILLED	126	3	15	12
SEMI SKILLED	6	0	2	0
SKILLED	308	9	43	30
SHOP AND AGRICULTURE	265	22	70	54
SEMI PROFESSIONAL	19	1	2	2
PROFESSIONAL	99	5	20	17
* --> Significant at <0.05 level				

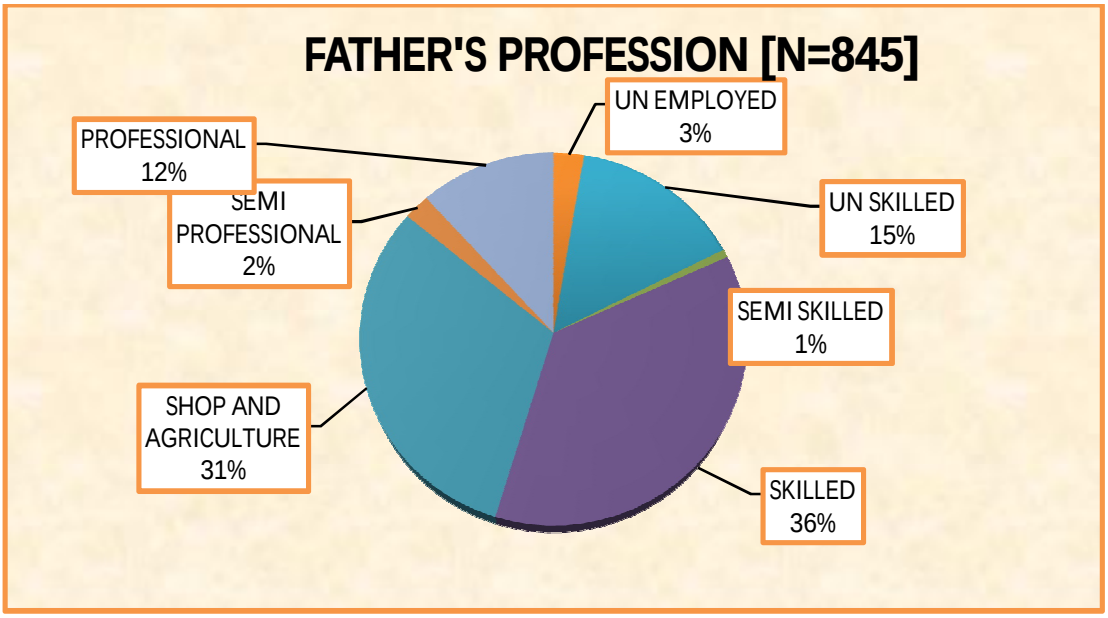
Figure : 25 Association of Father's Profession with Obese



	UE	US	SS	S	S&A	SP	P
BMI	0%	2%	0%	3%	8%	5%	5%
WC	5%	12%	33%	14%	26%	11%	20%
W/H Ratio	0%	10%	0%	10%	20%	11%	17%

Majority of the children's fathers are skilled workers which accounts for 36% followed by businessmen or practicing agriculture which accounts for 31%.

Figure : 26 Father's Profession



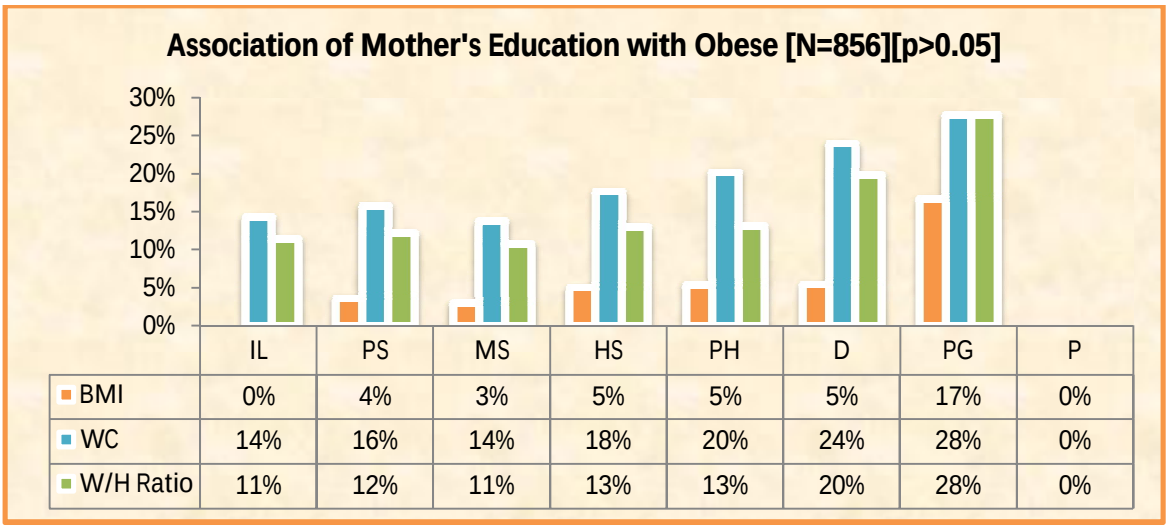
MOTHER’S EDUCATION AND OBESITY

According to this study, obese children are more in mothers who are degree holders, post graduates and professionals.

Table : 9 Association of Mother's education with Obese in study population

Association of Mother's education with Obese in study population				
		OBESE		
MOTHER'S EDN	**Total**	BMI	WC	W/H Ratio
ILLITERATE	35	0	5	4
PRIMARY SCHOOL	82	3	13	10
MIDDLE SCHOOL	167	5	23	18
HIGH SCHOOL	238	12	42	31
POST HIGH SCHOOL	168	9	34	22
DEGREE	146	8	35	29
POSTGRADUATE	18	3	5	5
PROFESSIONAL	2	0	0	0

Figure : 27 Association of Mother's Education with Obesity

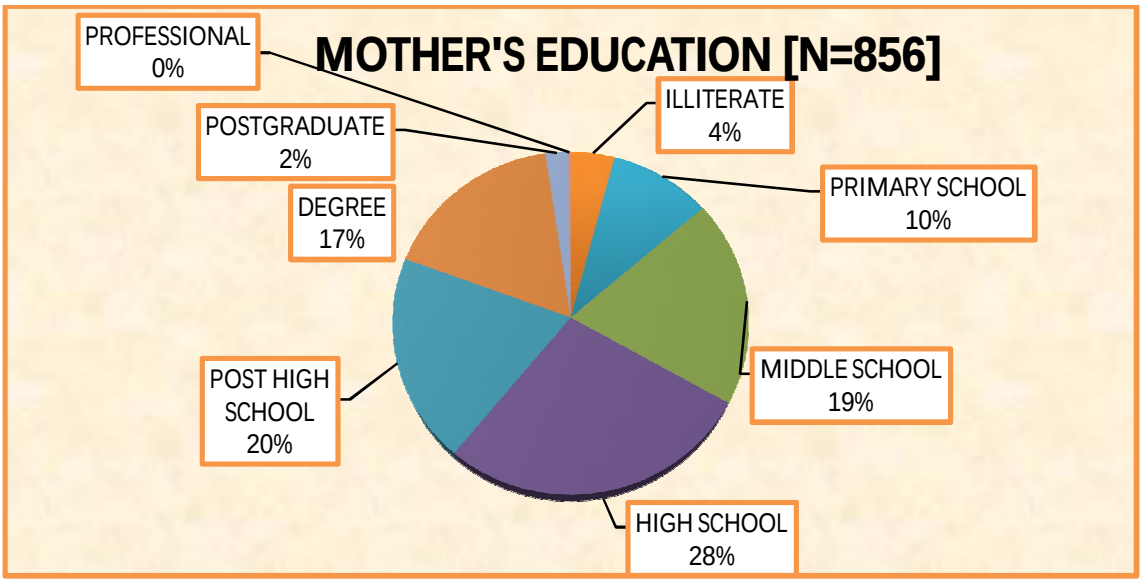


	IL	PS	MS	HS	PH	D	PG	P
BMI	0%	4%	3%	5%	5%	5%	17%	0%
WC	14%	16%	14%	18%	20%	24%	28%	0%
W/H Ratio	11%	12%	11%	13%	13%	20%	28%	0%

For most of the children, their mother's education is high school which accounts for 28%, followed by post high school 20% and middle school 19% and then the rest.

The educational qualification of the mother is slightly lower by a few % than the father.

Figure : 28 Mother's Education



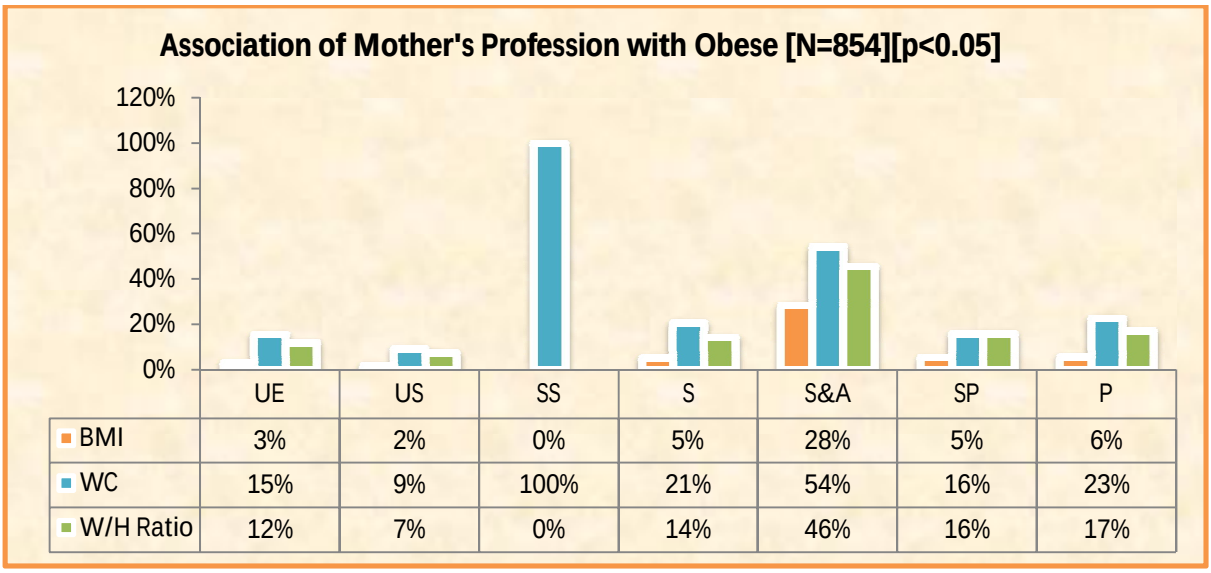
MOTHER'S PROFESSION AND OBESITY

According to this study, obese children are more for mothers who are semi skilled and those who are business women and agriculturists.

Table : 10 Association of Mother's Profession with Obese in study population

Association of Mother's Profession with Obese in study population				
		OBESE		
Mother's Proff	**Total**	BMI*	WC*	W/H Ratio*
UN EMPLOYED	485	14	75	58
UN SKILLED	109	2	10	8
SEMI SKILLED	2	0	2	0
SKILLED	140	7	29	20
SHOP AND AGRICULTURE	46	13	25	21
SEMI PROFESSIONAL	19	1	3	3
PROFESSIONAL	53	3	12	9
* --> Significant at <0.05 level				

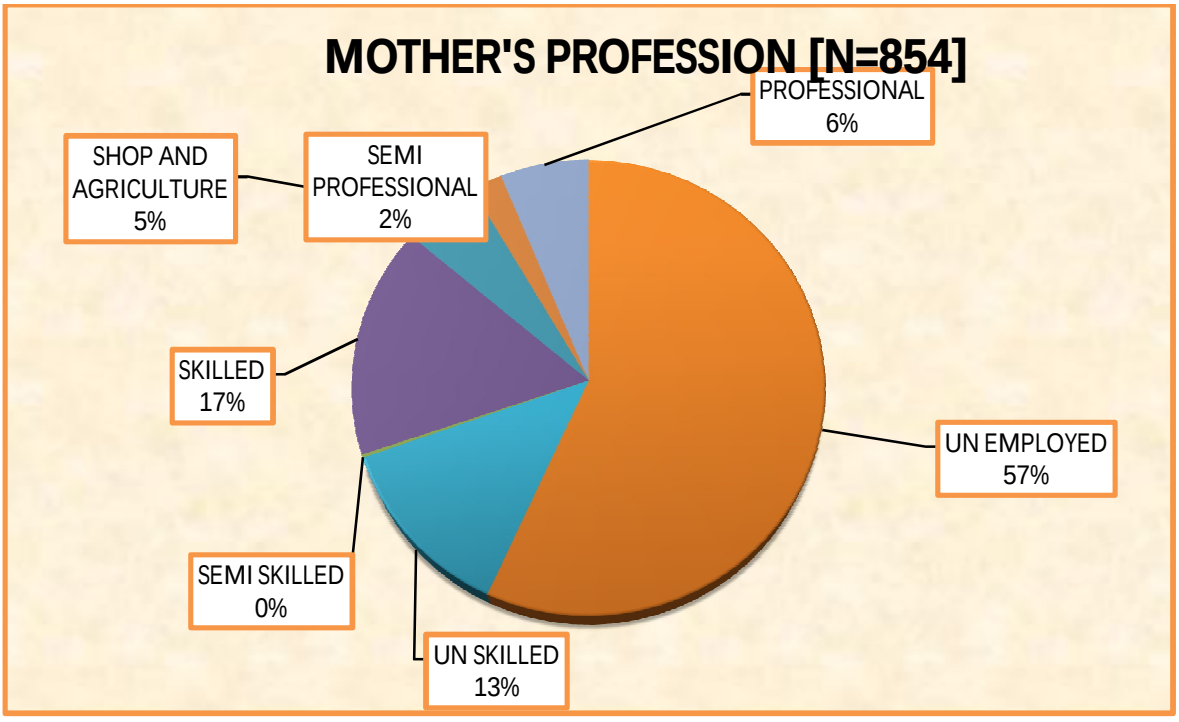
Figure : 29 Association of Mother's Profession with Obese



	UE	US	SS	S	S&A	SP	P
BMI	3%	2%	0%	5%	28%	5%	6%
WC	15%	9%	100%	21%	54%	16%	23%
W/H Ratio	12%	7%	0%	14%	46%	16%	17%

Majority of the children's mothers are unemployed, most of them being home makers which accounts for 57% followed by skilled workers 17% and then the rest.

Figure : 30 Mother's Profession



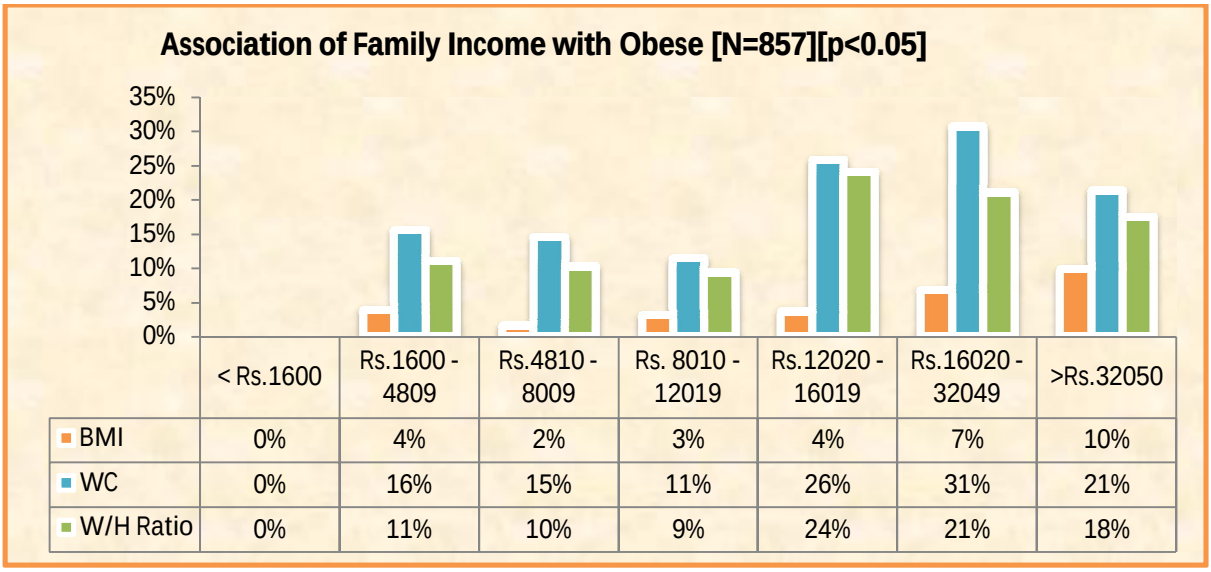
FAMILY INCOME AND OBESITY

According to this study, obese children are more in families who earn between Rs.12,000 to Rs.32,000.

Table : 11 Association of Family Income with Obese in study population

Association of Family Income with Obese in study population				
		OBESE		
Family Income	**Total**	BMI*	WC*	W/H Ratio*
< Rs.1600	13	0	0	0
Rs.1600 – 4809	154	6	24	17
Rs.4810 – 8009	254	4	37	26
Rs. 8010 – 12019	96	3	11	9
Rs.12020 – 16019	54	2	14	13
Rs.16020 – 32049	104	7	32	22
>Rs.32050	182	18	39	32
* --> Significant at <0.05 level				

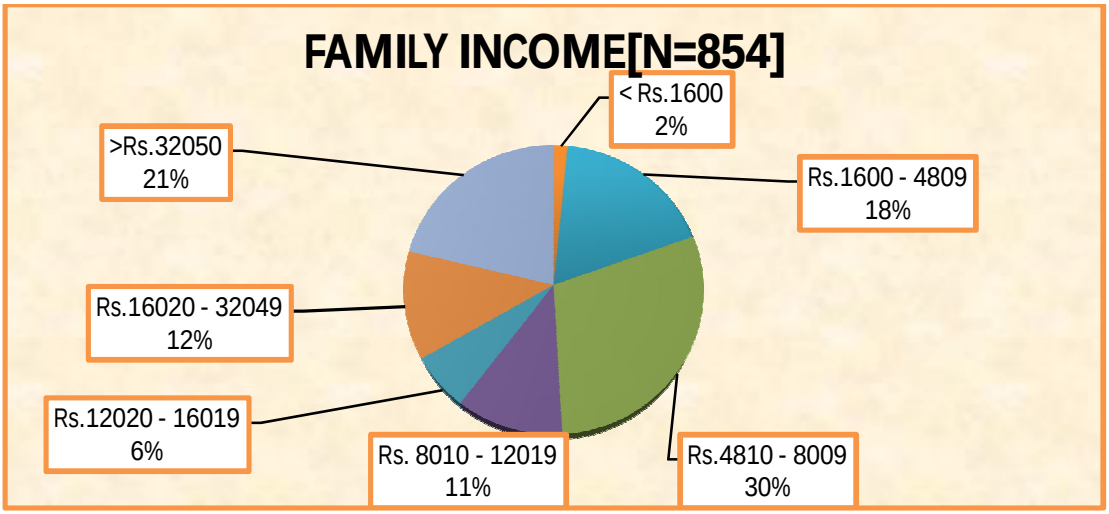
Figure : 31 Association of Family Income with Obesity



	< Rs.1600	Rs.1600 - 4809	Rs.4810 - 8009	Rs. 8010 - 12019	Rs.12020 - 16019	Rs.16020 - 32049	>Rs.32050
BMI	0%	4%	2%	3%	4%	7%	10%
WC	0%	16%	15%	11%	26%	31%	21%
W/H Ratio	0%	11%	10%	9%	24%	21%	18%

Majority of the children are from family income group of 4,810-8,009 rupees per month which accounts for 30% followed by 32,050 rupees per month which accounts for 21%.

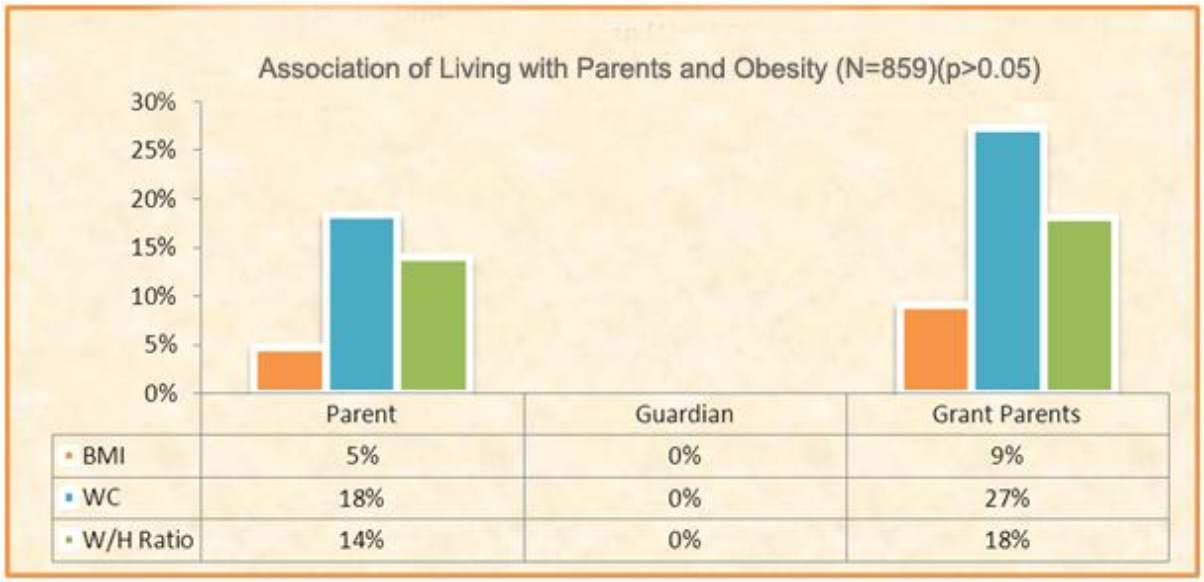
Figure : 32 Family Income



LIVING WITH PARENTS AND OBESITY

According to this study there is no increase in obese children if they are living with grand parent or guardian.

Figure : 33 Association of Living with Parents and Obesity

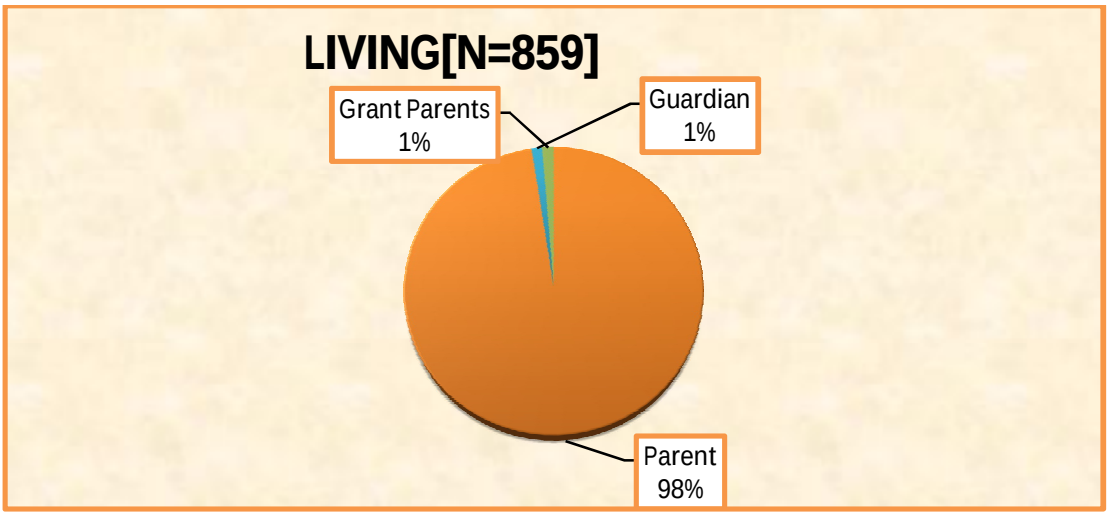


Almost 82% of the children live with their parents and only a few % with grandparents or guardians.

Table : 12 Accompany of Living with Obese in study population

Association of Accompany of Living with Obese in study population				
		OBESE		
Living	**Total**	BMI	WC	W/H Ratio
Parent	838	39	154	117
Guardian	10	0	0	0
Grant Parents	11	1	3	2

Figure : 34 Living with parent



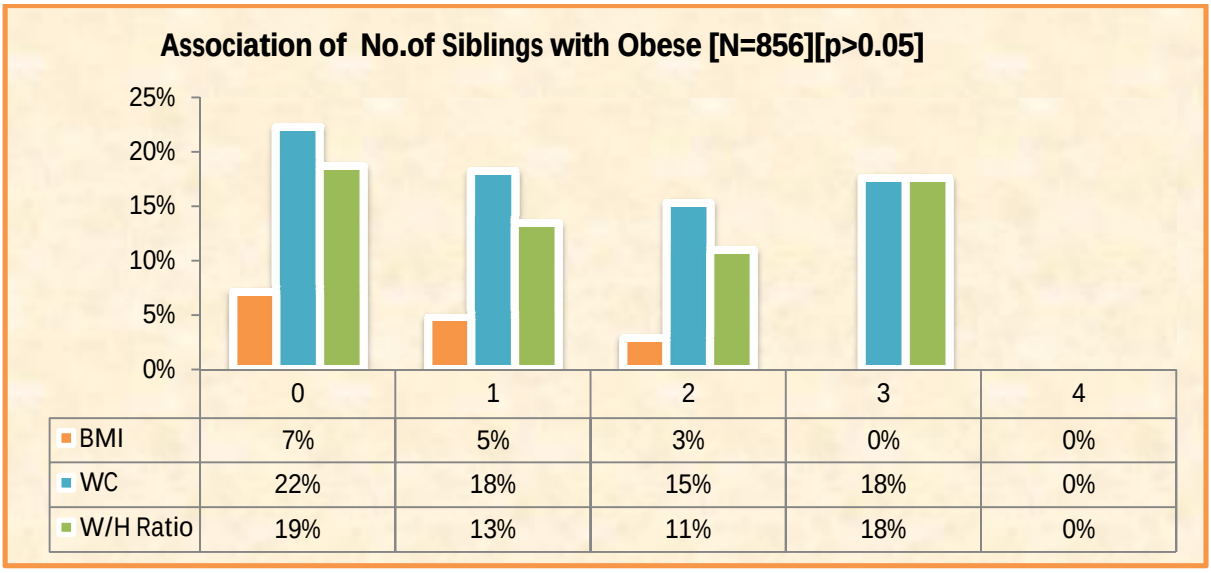
NUMBER OF SIBLINGS AND OBESITY

According to this study there is decrease in obese children if they have more than 2 siblings.

Table : 13 Association of No. of siblings with Obese in study population

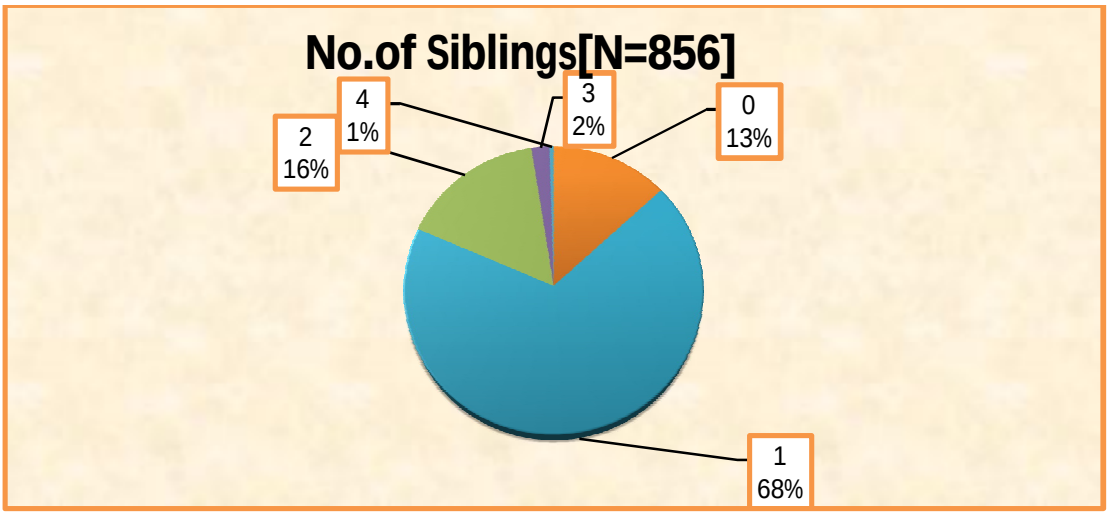
Association of No. of siblings with Obese in study population				
		OBESE		
Siblings	**Total**	BMI	WC	W/H Ratio
0	112	8	25	21
1	586	28	107	79
2	137	4	21	15
3	17	0	3	3
4	4	0	0	0

Figure : 35 Association of No. of Siblings with Obese



Majority of the children have one sibling which accounts for 68% followed by rest.

Figure : 36 Siblings with Obese



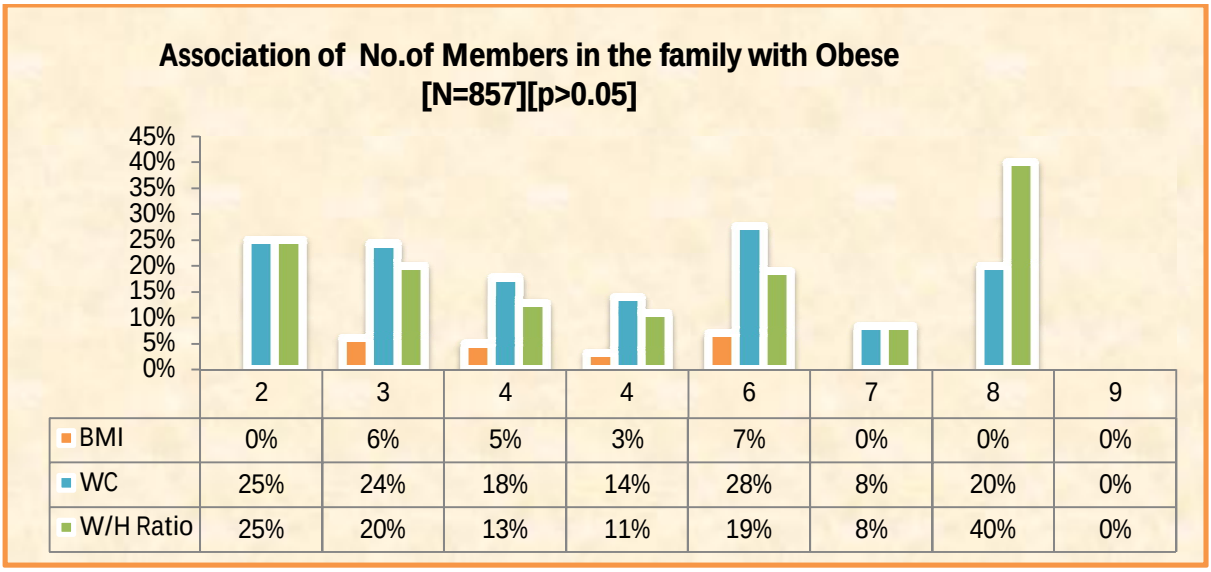
NUMBER OF FAMILY MEMBERS AND OBESITY

According to this study obese children are less if the family members are more than 6.

Table : 14 Association of No.of members in the Family with Obese in study population

Association of No.of members in the Family with Obese in study population				
		OBESE		
No.of Members	**Total**	BMI	WC	W/H Ratio
2	4	0	1	1
3	115	7	28	23
4	468	23	83	60
4	194	6	27	21
6	58	4	16	11
7	12	0	1	1
8	5	0	1	2
9	1	0	0	0

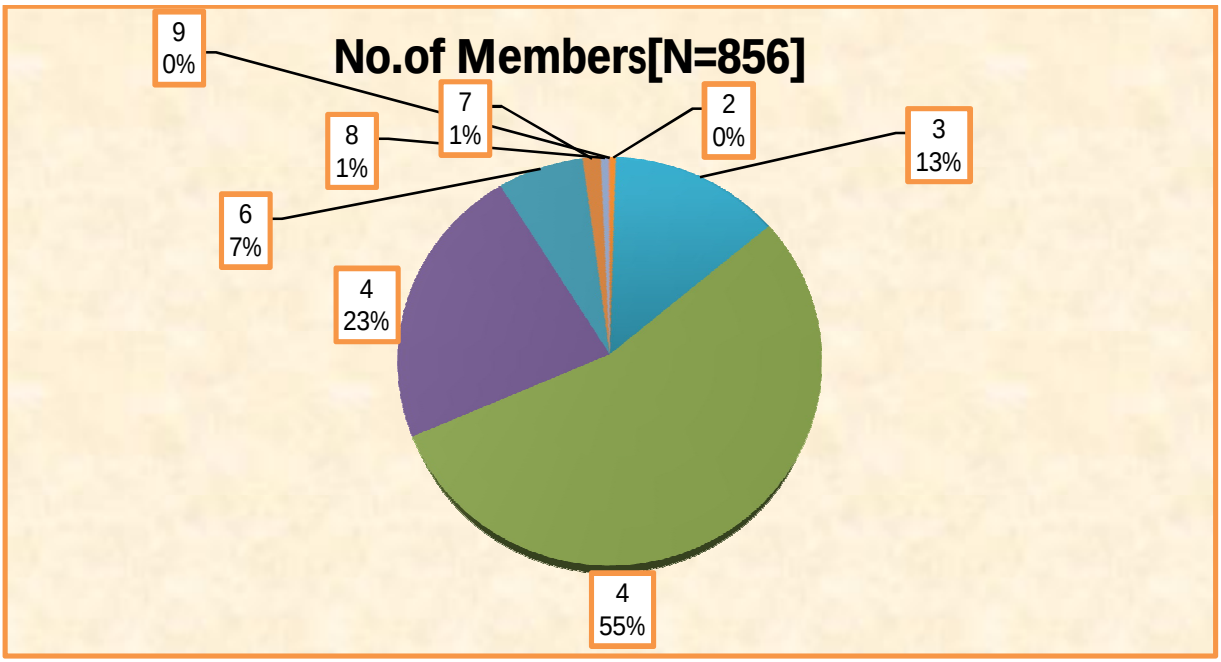
Figure : 37 Association of No. of Members in the family with Obese



	2	3	4	4	6	7	8	9
BMI	0%	6%	5%	3%	7%	0%	0%	0%
WC	25%	24%	18%	14%	28%	8%	20%	0%
W/H Ratio	25%	20%	13%	11%	19%	8%	40%	0%

Most of the children live in a family of four members, around 55% .

Figure : 38 No. of Family Members



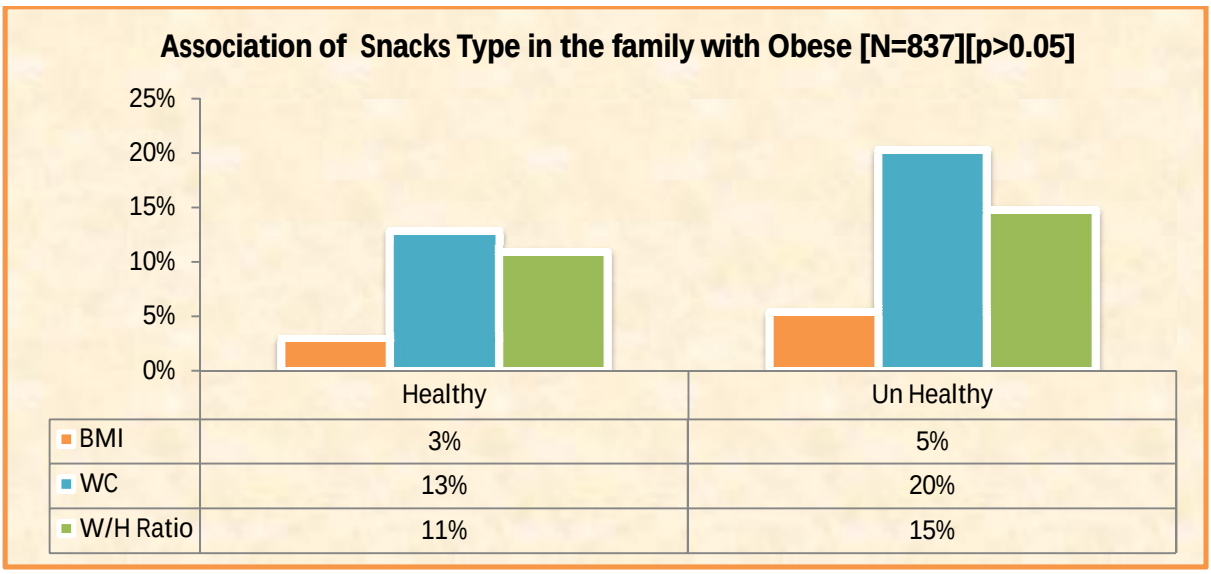
ASSOCIATION OF SNACK TYPES WITH OBESITY

According to this study, obesity is more in children who eat unhealthy snacks.

Table : 15 Association of Snacks eaten every day with Obese in study population

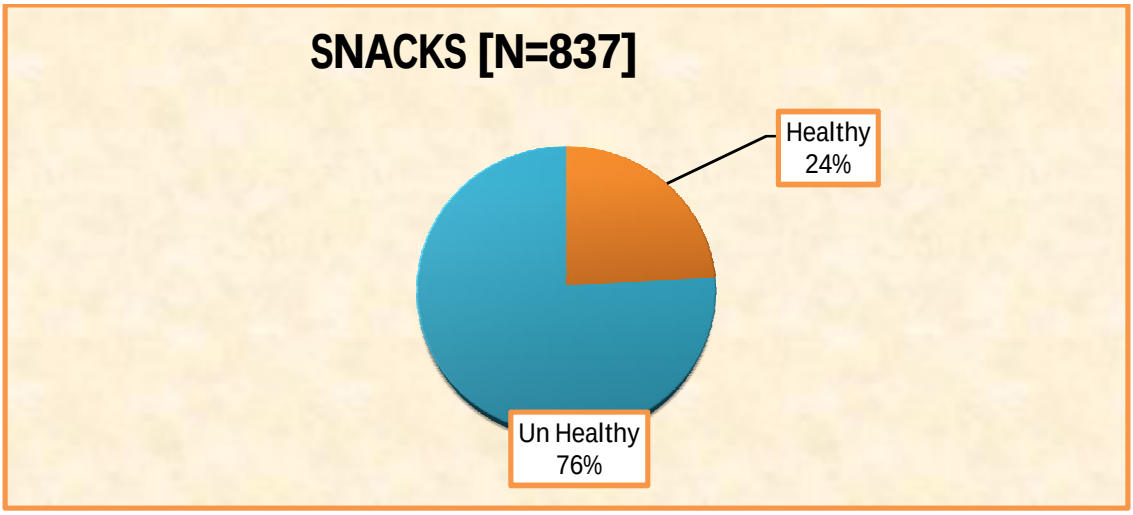
Association of Snacks eaten every day with Obese in study population				
		OBESE		
Snacks type	**Total**	BMI	WC*	W/H Ratio
Healthy	202	6	26	22
Un Healthy	635	34	129	94
* --> Significant at <0.05 level				

Figure : 39 Association of Snacks Type in the family with Obese



Almost 75% of children consume unhealthy snacks.

Figure : 40 Snacks and Obesity



NUMBER OF HOURS OF SCREEN VIEWING TIME WITH OBESITY

According to this study, the children with screen viewing time of more than 3 hours have risk of developing obesity.

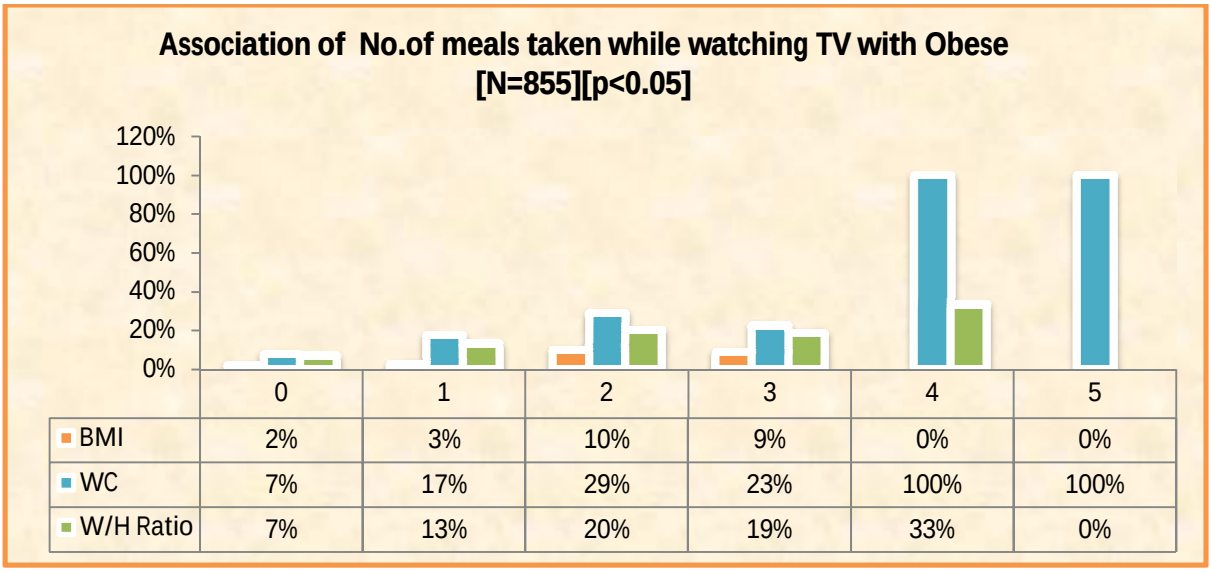
NUMBER OF MEALS TAKEN WHILE WATCHING ELECTRONIC GADGETS AND OBESITY

According to this study, obesity is found more in children who eat more than 3 meals while watching TV or using other electronic gadgets.

Table : 16 Association of No.of meals taken while watching TV with Obese in study population

Association of No.of meals taken while watching TV with Obese in study population				
		OBESE		
No.of Meals	**Total**	BMI*	WC*	W/H Ratio*
0	187	4	14	13
1	403	11	70	53
2	159	16	46	32
3	102	9	23	19
4	3	0	3	1
5	1	0	1	0
* --> Significant at <0.05 level				

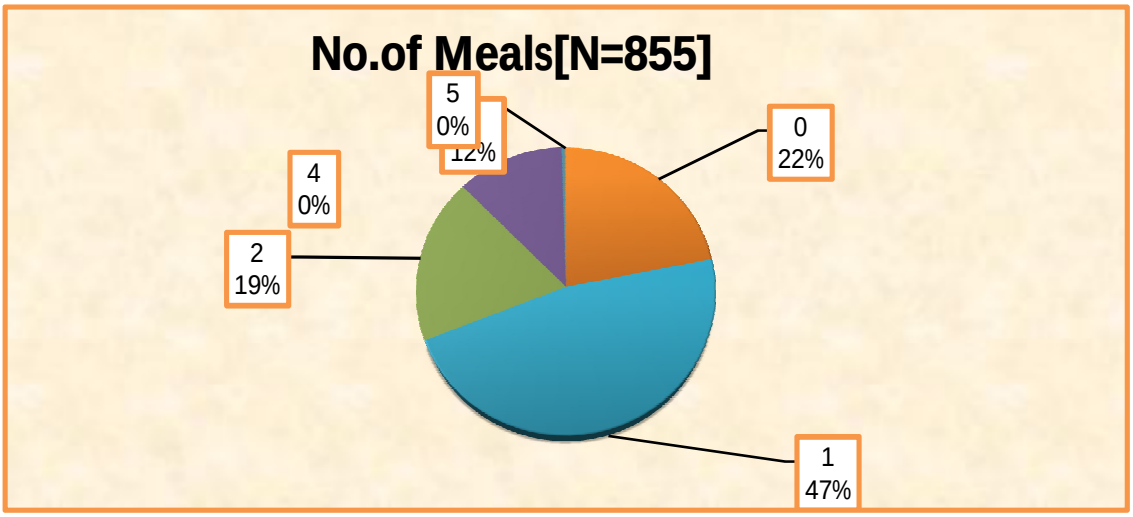
Figure : 41 Association of No.of meals taken while watching TV with Obese



	0	1	2	3	4	5
BMI	2%	3%	10%	9%	0%	0%
WC	7%	17%	29%	23%	100%	100%
W/H Ratio	7%	13%	20%	19%	33%	0%

Only 22% of children in our study eat food without watching or using other gadgets. Around 47% have one meal along with watching TV.

Figure : 42 No of Meals during screen viewing time



EXTRA CURRICULAR ACTIVITIES AND OBESITY

According to this study, obesity is more in children who play more indoor activities when compared with children who play outdoor activities.

Table : 17 Association of Extra Curricular activites with Obese in study population

Association of Extra Curricular activites with Obese in study population				
		OBESE		
Extra Curricular Activities	**Total**	BMI*	WC*	W/H Ratio*
Indoor	329	34	126	94
Outdoor	529	6	31	25
* --> Significant at <0.05 level				

Figure : 43 Association of Extra Curricular activities with Obese

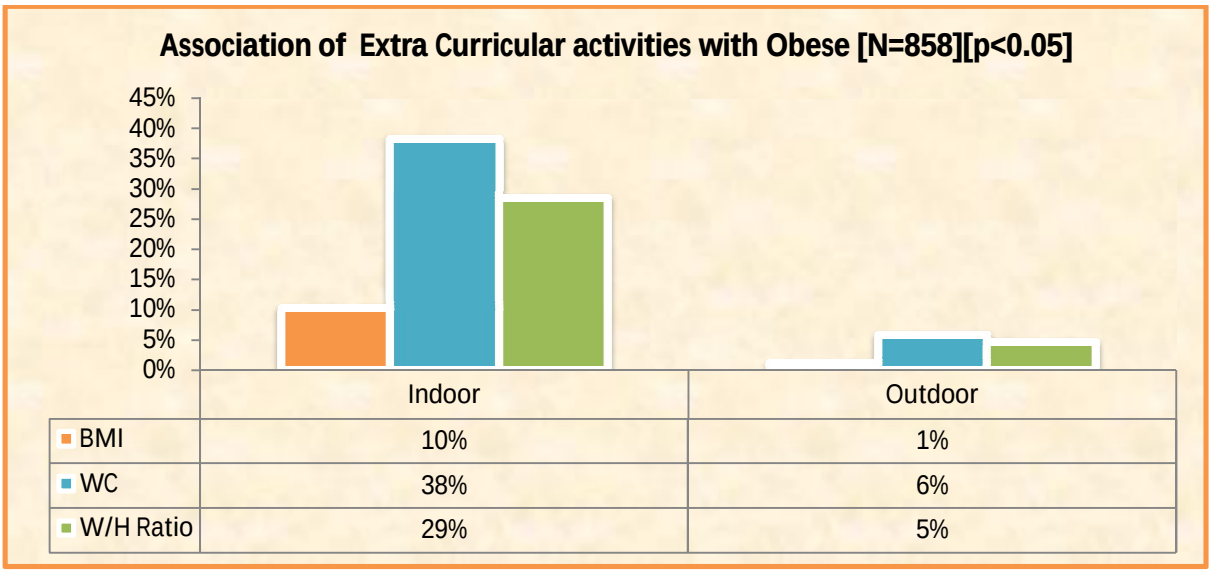
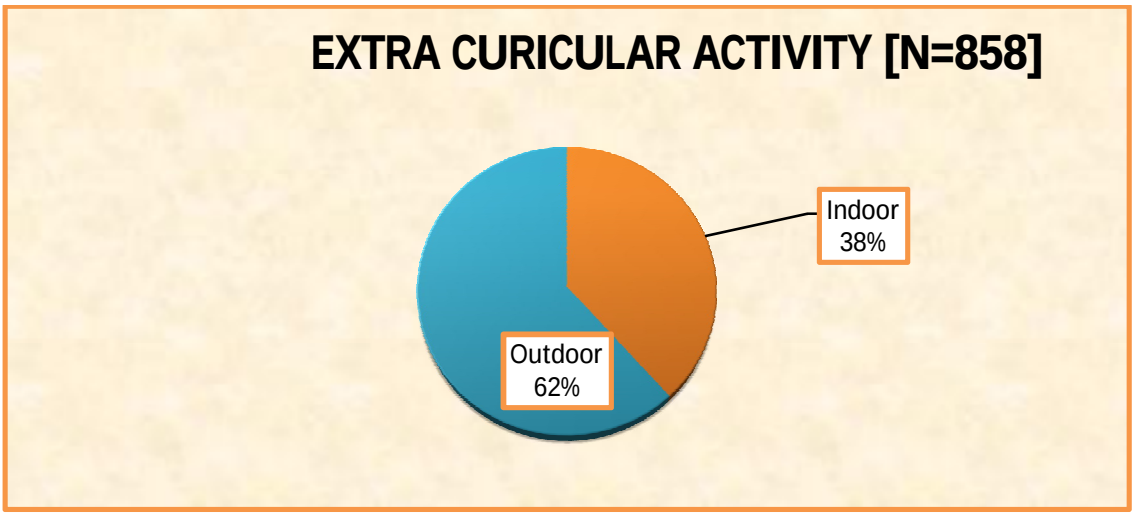


Table : 18 ODDS RATIO - Indoor Activity

ODDS RATIO - Indoor			
		BMI	10.046 [95% CI : 4.168 - 24.21]
		WC	9.971 [95% CI : 6.515 -15.259]
		W/H ratio	8.064 [95% CI : 5.053 - 12.869]

Most of the children predominantly play outdoor games only, 68%.

Figure : 44 Extra Curricular activities



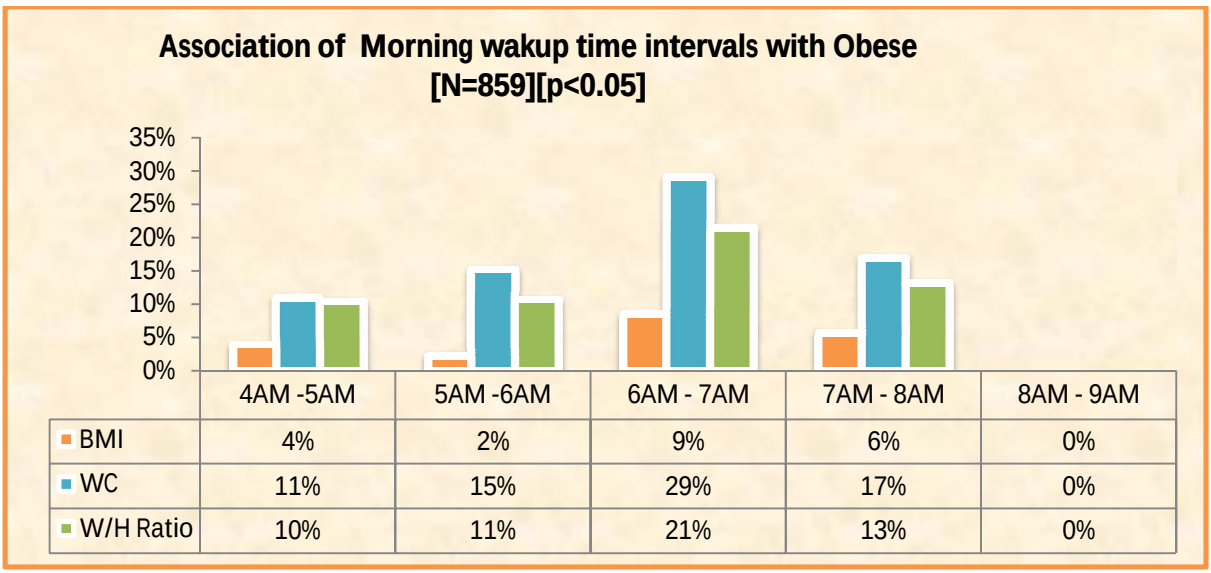
MORNING WAKING UP TIME AND OBESITY

According to this study, the risk for developing obesity is more for children who wake up after 6 am.

Table : 19 Association of Morning wakingup time Intervals with Obese in study population

Association of Morning wakingup time Intervals with Obese in study population				
		OBESE		
Time	**Total**	BMI*	WC*	W/H Ratio*
4AM -5AM	202	8	22	21
5AM -6AM	354	8	54	38
6AM - 7AM	247	21	72	53
7AM - 8AM	53	3	9	7
8AM - 9AM	3	0	0	0
* --> Significant at <0.05 level				

Figure : 45 Association of Morning wake up time intervals with Obese

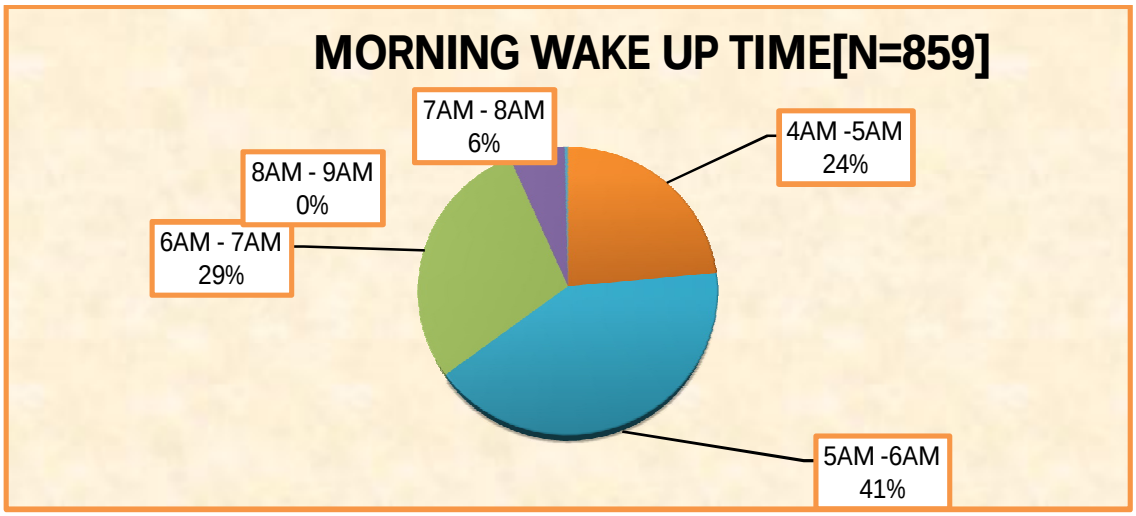


	4AM -5AM	5AM -6AM	6AM - 7AM	7AM - 8AM	8AM - 9AM
BMI	4%	2%	9%	6%	0%
WC	11%	15%	29%	17%	0%
W/H Ratio	10%	11%	21%	13%	0%

The majority of kids around 41% wake up between 5 and 6 am.

Around 53 children wake up after 7 am, and almost 20% of them are obese.

Figure : 46 Morning Wake Up Time



NIGHT SLEEPING TIME AND OBESITY

According to this study, obesity is more in children who sleep after 10 pm.

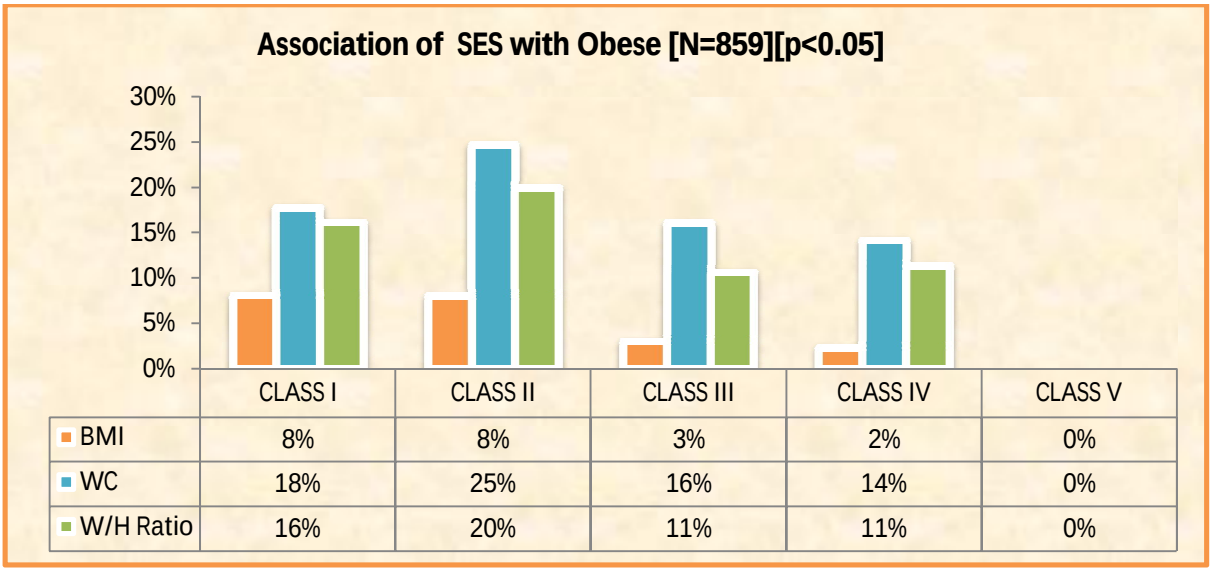
SOCIO ECONOMIC STATUS AND OBESITY

According to this study, obesity is more in class 2 followed by class 1.

Table : 20 Association of SES with Obesity

Association of SES with Obese in study population				
		OBESE		
SES	**Total**	BMI*	WC*	W/H Ratio*
CLASS I	62	5	11	10
CLASS II	251	20	62	50
CLASS III	367	11	59	39
CLASS IV	177	4	25	20
CLASS V	2	0	0	0
* --> Significant at <0.05 level				

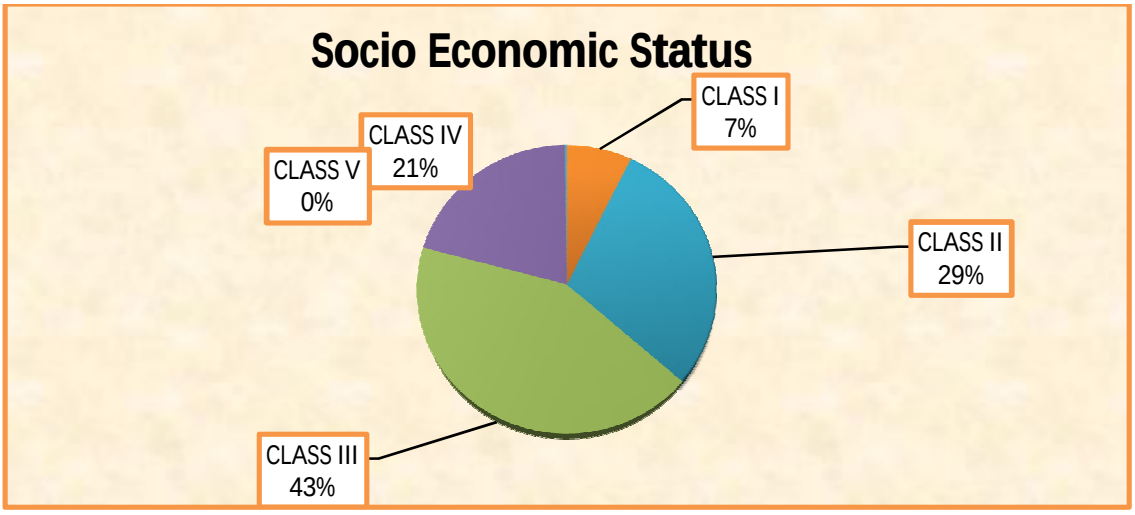
Figure : 47 Association of SES with Obese



Most of the children, 43% belong to class 3 of Modified Kuppusamy Scale.

There is no one in class 5.

Figure : 48 Socio Economic Status



The below table shows the mean of the variables with obesity for BMI

Table : 21 Mean of Clinical Variables with Obesity as per BMI

Mean of Clinical Variables with Obesity as per BMI								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	13.1	1.37	12.64	13.51	11	15	
	NO	13.0	1.43	12.89	13.09	11	15	>0.05
	Total	13.0	1.42	12.90	13.09	11	15	
Father Age	YES	43.5	3.90	42.23	44.72	35	55	
	NO	42.7	5.25	42.30	43.03	31	80	>0.05
	Total	42.7	5.19	42.35	43.05	31	80	
Mother Age	YES	38.0	4.92	36.45	39.60	30	50	
	NO	37.4	5.03	37.06	37.75	23	67	>0.05
	Total	37.4	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	3.3	1.43	2.88	3.79	0	6	
	NO	2.4	1.87	2.29	2.55	0	12	<0.01
	Total	2.5	1.86	2.34	2.59	0	12	
Night sleeping time	YES	10.1	0.88	9.82	10.38	8	12	
	NO	9.7	1.09	9.65	9.80	1	12.3	<0.05
	Total	9.7	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.3	0.88	5.99	6.55	4	8	
	NO	5.9	0.99	5.83	5.96	4	9	<0.05
	Total	5.9	0.99	5.85	5.98	4	9	
Weight	YES	57.4	11.40	53.78	61.07	35	89	
	NO	40.8	8.15	40.23	41.35	22	71	<0.001
	Total	41.6	9.03	40.96	42.17	22	89	
Height	YES	142.8	12.59	138.80	146.85	120	167	
	NO	150.1	9.58	149.39	150.71	115	177	<0.001
	Total	149.7	9.85	149.05	150.37	115	177	
BMI	YES	28.2	4.51	26.73	29.61	22.52	41.6	
	NO	18.1	2.87	17.86	18.25	11.9	26.89	<0.001
	Total	18.5	3.65	18.28	18.77	11.9	41.6	
WC	YES	77.60	4.67	76.11	79.09	70	97	
	NO	64.67	8.25	64.10	65.23	30	93	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.55	0.05	0.53	0.56	0.48	0.66	
	NO	0.43	0.05	0.43	0.43	0.2	0.65	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

The below table shows the mean of the variables with obesity for WC

Table : 22 Mean of Clinical Variables with Obesity as per WC

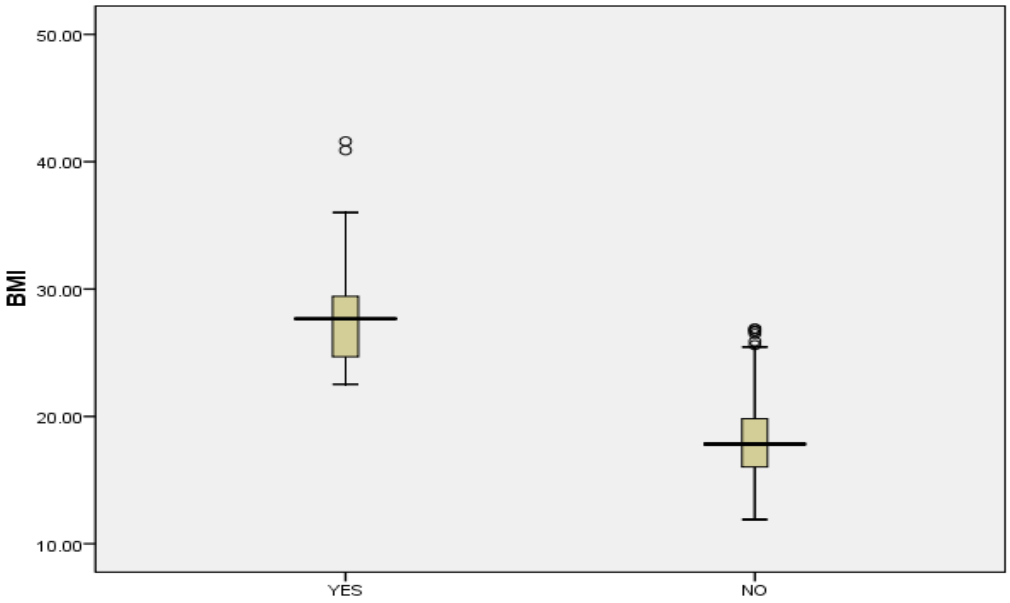
Mean of Clinical Variables with Obesity as per WC								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	12.94	1.40	12.72	13.16	11	15	
	NO	13.01	1.43	12.90	13.11	11	15	>0.05
	Total	13.00	1.42	12.90	13.09	11	15	
Father Age	YES	43.11	4.26	42.43	43.79	32	55	
	NO	42.61	5.38	42.21	43.01	31	80	>0.05
	Total	42.70	5.19	42.35	43.05	31	80	
Mother Age	YES	37.73	4.46	37.02	38.43	29	52	
	NO	37.37	5.14	36.99	37.75	23	67	>0.05
	Total	37.44	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	3.12	1.64	2.86	3.38	0	12	
	NO	2.31	1.87	2.17	2.45	0	12	<0.01
	Total	2.46	1.86	2.34	2.59	0	12	
Night sleeping time	YES	9.95	0.83	9.82	10.08	8	12	
	NO	9.70	1.13	9.62	9.78	1	12.3	<0.01
	Total	9.75	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.16	0.85	6.02	6.29	4	8	
	NO	5.86	1.01	5.78	5.93	4	9	<0.05
	Total	5.91	0.99	5.85	5.98	4	9	
Weight	YES	51.42	9.23	49.97	52.88	30	89	
	NO	39.36	7.36	38.82	39.91	22	70	<0.001
	Total	41.57	9.03	40.96	42.17	22	89	
Height	YES	149.23	11.27	147.46	151.01	115	170	
	NO	149.82	9.51	149.12	150.53	120	177	>0.05
	Total	149.71	9.85	149.05	150.37	115	177	
BMI	YES	23.22	4.21	22.55	23.88	13.16	41.6	
	NO	17.48	2.52	17.29	17.66	11.9	28.4	<0.001
	Total	18.53	3.65	18.28	18.77	11.9	41.6	
WC	YES	77.23	5.11	76.43	78.04	67	97	
	NO	62.59	6.69	62.10	63.09	30	92	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.52	0.05	0.51	0.53	0.45	0.66	
	NO	0.42	0.04	0.42	0.42	0.2	0.59	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

The below table shows the mean of the variables with obesity for WHR

Table : 23 Mean of Clinical variables with Obesity as per WHR

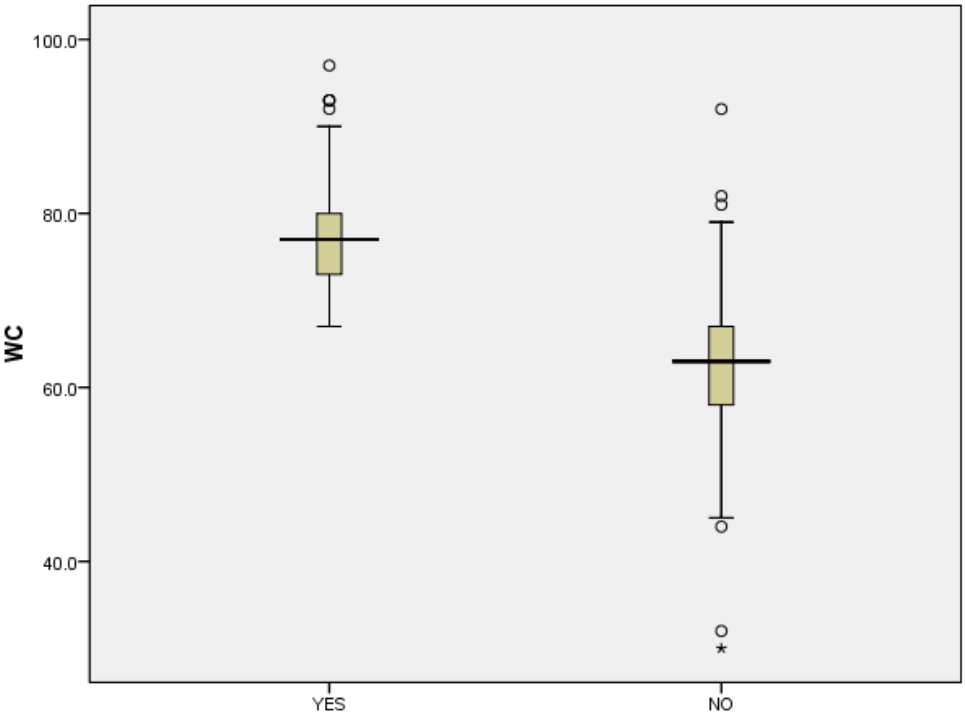
Mean of Clinical Variables with Obesity as per W/H ratio								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	13.22	1.34	12.98	13.46	11	15	
	NO	12.96	1.43	12.86	13.06	11	15	>0.05
	Total	13.00	1.42	12.90	13.09	11	15	
Father Age	YES	43.42	4.28	42.63	44.21	32	55	
	NO	42.59	5.32	42.20	42.98	31	80	>0.05
	Total	42.70	5.19	42.35	43.05	31	80	
Mother Age	YES	37.76	4.60	36.93	38.60	29	52	
	NO	37.38	5.09	37.01	37.75	23	67	>0.05
	Total	37.44	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	2.99	1.50	2.72	3.26	0	9	
	NO	2.38	1.90	2.24	2.51	0	12	<0.01
	Total	2.46	1.86	2.34	2.59	0	12	
Night sleeping time	YES	9.87	0.84	9.72	10.02	8	12	
	NO	9.73	1.12	9.65	9.81	1	12.3	>0.05
	Total	9.75	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.09	0.88	5.93	6.25	4	8	
	NO	5.88	1.00	5.81	5.96	4	9	<0.05
	Total	5.91	0.99	5.85	5.98	4	9	
Weight	YES	52.00	10.35	50.12	53.88	30	89	
	NO	39.89	7.56	39.34	40.43	22	70	<0.001
	Total	41.57	9.03	40.96	42.17	22	89	
Height	YES	146.05	11.91	143.89	148.22	115	169	
	NO	150.30	9.35	149.63	150.98	120	177	<0.001
	Total	149.71	9.85	149.05	150.37	115	177	
BMI	YES	24.39	4.13	23.64	25.14	13.16	41.6	
	NO	17.58	2.51	17.40	17.76	11.9	28.4	<0.001
	Total	18.53	3.65	18.28	18.77	11.9	41.6	
WC	YES	78.11	5.47	77.11	79.10	60	97	
	NO	63.20	7.04	62.69	63.71	30	92	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.54	0.04	0.53	0.54	0.45	0.66	
	NO	0.42	0.04	0.42	0.42	0.2	0.59	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

Figure : 49 Obesity as per BMI



The below table shows the mean of the variables with obesity for WC.

Figure : 50 Obesity as per WC



The below table shows the mean of the variables with obesity for WHR.

Figure : 51 Obesity as per W/H ratio

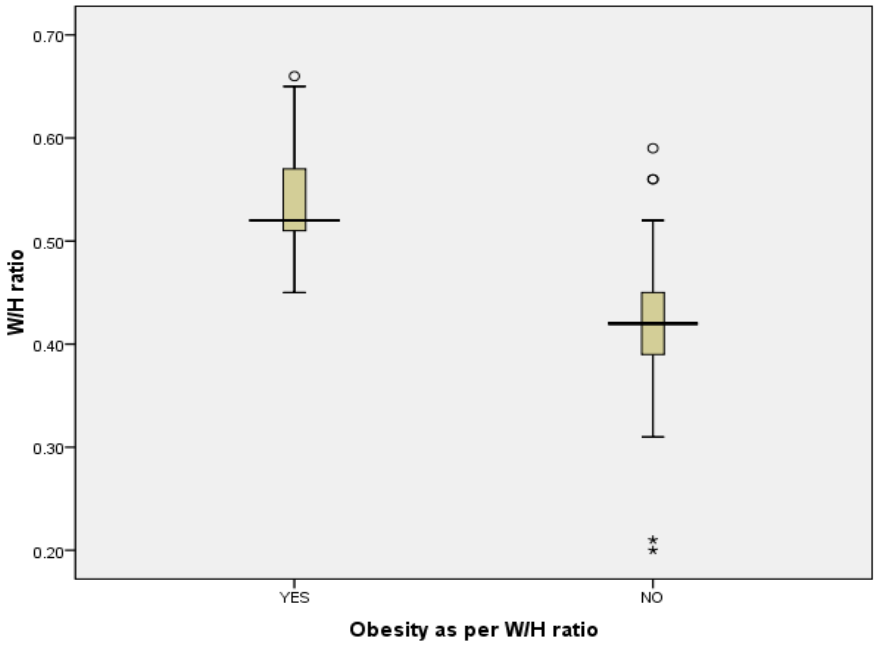


Figure : 52 ROC CURVE

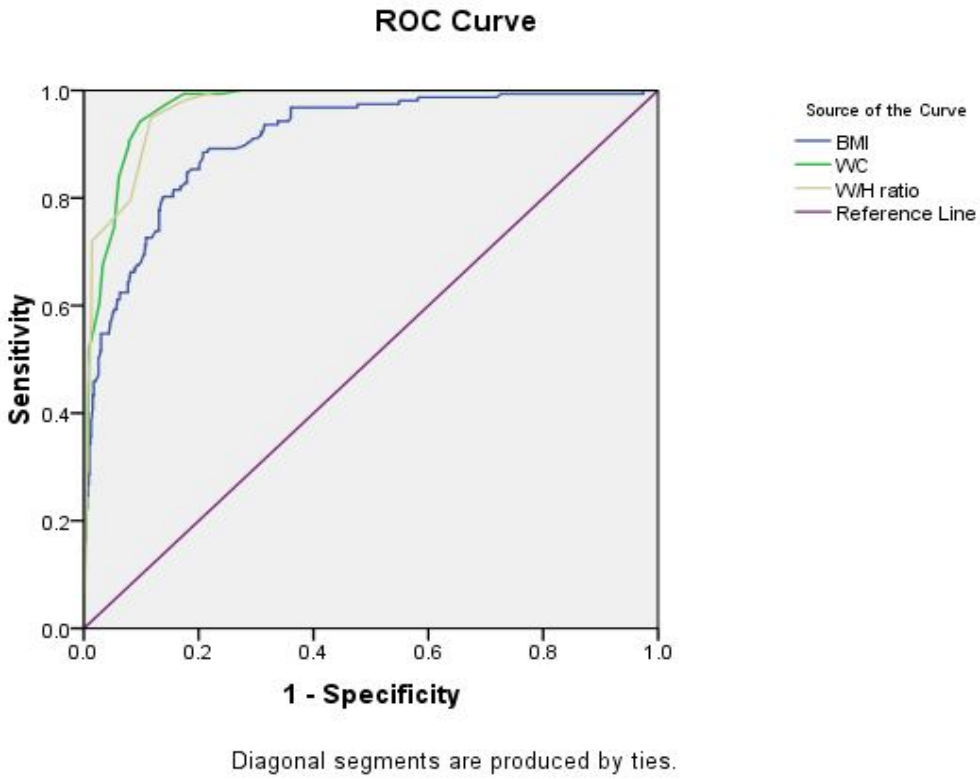


TABLE : 24 Area under the Curve

Area Under the Curve					
Test Result Variable(s)	Area	Std. Error[a]	Asymptotic Sig.[b]	Asymptotic 95% Confidence Interval	
				Lower Bound	Upper Bound
BMI	0.909	0.013	0.000	0.884	0.934
WC	0.969	0.005	0.000	0.959	0.979
W/H ratio	0.968	0.005	0.000	0.957	0.978
The test result variable(s): BMI, WC, W/H ratio has at least one tie between the positive actual state group and the negative actual state group. Statistics may be biased.					
a. Under the nonparametric assumption					
b. Null hypothesis: true area = 0.5					

The above diagram shows the ROC curve and the sensitivity of the three indices.

STATISTICAL ANALYSIS

Statistical Analysis:

The data are reported as the mean +/- SD or the median, depending on their distribution. The differences in quantitative variables between groups were assessed by means of the unpaired t test. Comparison between groups was made by the Non parametric Mann - Whitney test ANOVA was used to assess the quantitative variables. A Chi Square test was used to assess differences in categoric variables between groups. ROC curve and Odds ratio were performed.

A p value of <0.05 using a two-tailed test was taken as being of significance for all statistical tests. All data were analysed with a statistical software package .(SPSS, version 16.0 for windows)

DISCUSSION

The principal outcome of the study was to estimate the prevalence of obesity in 11 to 15 year old school children using BMI, WC and WHR. When compared with other studies which were done in urban schools the prevalence is within the range of 1-13% and when WC is used the prevalence is 18%, which is slightly higher.

Much studies have not been conducted using all three parameters for estimation of obesity and hence in this study we could estimate that by using WC for estimating obesity, then the prevalence increases by 13.6% and by using WHR the estimation of obesity increases by 9.2% and by using combined WC and WHR the estimation of obesity increases by 11.4% than BMI which only estimates 5% of obesity. Thus if only a single factor such as BMI is used obesity may be underdiagnosed.

Obesity, in this study, is also more in private schools when compared with government schools similar to other studies and more in females which is also similar in other studies.

Various risk factors like number of hours of screen viewing time, number of meals consumed during that time, more indoor activities and late night sleep which are statistically significant and which increase the risk of obesity has been studied.

Other details like the educational status of parents, their profession, family income and the socio-economic status have been studied.

Details like family size and the number of siblings have been studied. Though not all the variables are statistically significant the risk of not becoming obese with increased family members and more siblings has been studied.

SUMMARY

- Total no of children included in the study-860 170 children were included in each group from 11-15 years.
- Number of males -340 and the number of females-520
- The total number of children from private school-460 and the number of children from government school -400
- From this study, the prevalence is according to BMI - 5% are obese, WC - 18% are obese, WHR - 14% are obese.

  The effect size - by WC more than BMI in estimating obesity is 14% .

- Obesity is more in children between 12-14 yrs than 11 1nd 15 yrs.
- Obesity is more in females in all age groups.
- Obese children are more in class 8 followed by class 7 and 9.
- Obesity is more in private schools when compared to government schools.
- Obese children are more for both father and mother who are semi skilled and those who are business men and agriculturists.
- Obese children are more in families who earn between Rs.12,000 and Rs.32,000.
- Children with screen viewing time of more than 3 hours are obese.
- Obesity is found more in children who eat more than 3 meals while

watching TV or using other electronic gadgets.

- Obesity is more in children who are involved in indoor activities.
- Obesity is more for children who wake up after 6 am.
- Obesity is more in children who sleep after 10 pm.
- Obesity is more in SES class 2 followed by class 1.

CONCLUSION

- Obesity is becoming a public health problem in our country.
- The overall prevalence of obesity in our study is within the same range as compared to other studies.

  If obesity is estimated using only BMI, obesity may be underdiagnosed.
- Major factors which influence the prevalence of obesity are increased number of hours of screen viewing time, number of meals consumed during that time, more indoor activities and late night sleep.

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DATE OF ASSESSMENT :

1. NAME: 2. AGE: 3. SEX: MALE / FEMALE

4. D.O.B: 5. STANDARD:

6. NAME OF SCHOOL:

7. FATHER'S NAME: 8. AGE: 9. EDU. QUAL: 10. OCCUPATION:

11. MOTHER'S NAME: 12. AGE: 13. EDU. QUAL: 14. OCCUPATION:

15. MONTHLY INCOME OF FAMILY :

16. LIVING WITH : PARENT / GRAND PARENT / GUARDIAN

17. NO OF SIBLINGS : BROTHER: SISTER:

18. NO OF MEMBERS IN FAMILY :

19. SNACKS EATEN EVERY DAY :

20. NO OF HOURS WATCHING TV :

21. NO OF MEALS TAKEN WATCHING TV :

22. EXTRA CURRICULAR ACTIVITIES : INDOOR / OUTDOOR DAYS / WEEK:

23. NIGHT SLEEPING TIME : 5 DAYS / WEEK:

24. MORNING WAKING TIME : 5 DAYS / WEEK:

25. ANY DOCUMENTED MEDICAL ILLNESS IN SCHOOLHEALTH RECORD :

IF YES :

26. ANY OBVIOUS EXTERNAL ANOMALY :

27. SOCIOECONOMICS STATUS :

28. WEIGHT IN KG :

29. HEIGHT IN CM :

30. WAIST CIRCUMFERENCE IN CM :

31. BMI :

32. WAIST HEIGHT RATIO :

33. OBESITY AS PER BMI:

34. OBESITY AS PER WAIST CIRCUMFERENCE :

35. OBESITY AS PER WAIST HEIGHT RATIO :

xggpj;gotk;

gs;spbgah; :

Kfthp :

muRnfhitkUj;Jtf;fy;Yhhpapy;bghJkUj;Jt Jiwapy;glhl;nkwgoggpaYk;khztp **M.mUe;jjp**mth;fs;nkwpbfhs;Sk;"**nfhitkhtl;ljjpy;11-15taJcss;sgs;spbry;Yk;FHe;ijfspd;cly;gUkidMuha;jy;**" gwwpa Ma;tpy; bra;Kiw kwWk; midj;Jtpsf;f';fisak;nfl;Lf;bfhz;L vdJ ren;jf';fis bjhptpgLj;jpf;bfhz;nld;vdgij bjhptpj;Jf;bfhs;fpnwd;

ehd;,e;j Ma;tpy;,e;j gs;spFHe;ijfis fye;Jbfhs;s KGrkak;jj;JlDk;/Rarpe;jidapDk; rkak;jpf;fpnwd;

,e;j Ma;tpy; gs;spFHe;ijfs; gwwpa midj;Jtpgu';fs; ghJfhf;fg;gLtJld; ,jd; Kot[fs; Ma;tpjHpy; btspapLggLtjpy; Mlnrgiz ,y;iy vdgij bjhptpj;Jf;bfhs;fpnwd;ve;j neuj;jpYk;,e;j Ma;tpy; ,Ue;J ehd; tpyfpf;bfhs;s vdfF chpik czL vdgijak;mwpntd;

,lk;

njjp

ANNEXURE - 2

REVISED TABLE FOR SCALES IN 2012 TO DEFINE SOCIOECONOMIC STATUS

(A) Education Score		
1	Profession or Honours	*7*
2	Graduate or post graduate	*6*
3	Intermediate or post high school diploma	*5*
4	High school certificate	*4*
5	Middle school certificate	*3*
6	Primary school certificate	*2*
7	Illiterate	*1*

(B) Occupation Score		
1	Profession	*10*
2	Semi-Profession	*6*
3	Clerical, Shop-owner, Farmer	*5*
4	Skilled worker	*4*
5	Semi-skilled worker	*3*
6	Unskilled worker	*2*
7	Unemployed	*1*

(C) Monthly family income in Rs		*Score*	*Modified for 1998* [3] *in* Rs	Modified for 2012 in Rs
1	≥ 2000	*12*	≥ 13500	≥32050
2	1000-1999	*10*	6750 - 13499	*16020 – 32049*
3	750-999	*6*	5050 - 6749	*12020 – 16019*
4	500-749	*4*	3375 - 5049	*8010 – 12019*
5	300-499	*3*	2025 - 3374	*4810 – 8009*
6	101-299	*2*	676 - 2024	*1601 – 4809*
7	≤ 100	*1*	≤ 675	*≤ 1600*

Total Score	Socioeconomic class
26-29	Upper (I)
16-25	Upper Middle (II)
11-15	Middle/Lower middle (III)
5-10	Lower/Upper lower (IV)
<5	Lower (V)

ANNEXURE - 3

HEIGHT(cm) CENTILES AND STANDARD DEVIATION FOR BOYS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	99.0	102.3	105.6	108.9	112.4	115.9	119.4	5.7
5.5	101.6	105.0	108.4	111.9	115.4	119.0	122.7	5.3
6.0	104.2	107.7	111.2	114.8	118.5	122.2	126.0	5.6
6.5	106.8	110.4	114.0	117.8	121.6	125.4	129.3	5.5
7.0	109.3	113.0	116.8	120.7	124.6	128.6	132.6	5.9
7.5	111.8	115.7	119.6	123.5	127.6	131.7	135.9	5.7
8.0	114.3	118.2	122.3	126.4	130.5	134.8	139.1	6.3
8.5	116.7	120.8	124.9	129.1	133.4	137.8	142.2	6.1
9.0	119.0	123.2	127.5	131.8	136.3	140.7	145.3	6.4
9.5	121.3	125.6	130.0	134.5	139.1	143.7	148.3	6.4
10.0	123.6	128.1	132.6	137.2	141.9	146.6	151.4	6.8
10.5	125.9	130.5	135.2	139.9	144.7	149.5	154.4	6.5
11.0	128.2	133.0	137.8	142.7	147.6	152.5	157.5	7.6
11.5	130.7	135.6	140.6	145.5	150.5	155.6	160.6	7.3
12.0	133.2	138.3	143.3	148.4	153.5	158.6	163.7	8.1
12.5	135.7	141.0	146.2	151.4	156.5	161.7	166.8	7.9
13.0	138.3	143.7	149.0	154.3	159.5	164.7	169.9	9.0
13.5	140.9	146.4	151.8	157.2	162.4	167.6	172.7	8.4
14.0	143.4	149.0	154.5	159.9	165.1	170.3	175.4	9.0
14.5	145.8	151.5	157.0	162.3	167.6	172.7	177.7	7.8
15.0	148.0	153.7	159.2	164.5	169.7	174.8	179.7	7.9
15.5	150.0	155.7	161.2	166.5	171.6	176.5	181.4	6.6
16.0	151.8	157.4	162.9	168.1	173.1	178.0	182.7	7.2
16.5	153.4	159.1	164.5	169.6	174.5	179.3	183.8	6.7
17.0	155.0	160.6	165.9	171.0	175.8	180.4	184.8	6.9
17.5	156.6	162.1	167.3	172.3	177.0	181.5	185.8	6.1
18.0	158.1	163.6	168.7	173.6	178.2	182.5	186.7	6.9

ANNEXURE - 4

HEIGHT(cm) CENTILES AND STANDARD DEVIATION FOR GIRLS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	97.2	100.5	103.9	107.5	111.3	115.2	119.3	5.4
5.5	99.8	103.2	106.8	110.5	114.4	118.3	122.5	5.7
6.0	102.3	106.0	109.7	113.5	117.4	121.5	125.6	5.8
6.5	104.9	108.7	112.5	116.5	120.5	124.6	128.7	5.5
7.0	107.4	111.4	115.4	119.4	123.5	127.7	131.9	6.1
7.5	110.0	114.1	118.2	122.4	126.6	130.8	135.0	6.0
8.0	112.6	116.8	121.1	125.4	129.6	133.9	138.1	6.2
8.5	115.2	119.6	124.0	128.4	132.7	137.0	141.3	6.8
9.0	117.8	122.4	126.9	131.4	135.8	140.2	144.5	6.9
9.5	120.5	125.2	129.9	134.4	138.9	143.3	147.6	6.6
10.0	123.3	128.1	132.8	137.4	142.0	146.4	150.8	7.8
10.5	126.1	130.9	135.7	140.4	145.0	149.5	153.9	7.3
11.0	128.8	133.7	138.6	143.3	147.9	152.4	156.8	7.9
11.5	131.5	136.4	141.2	145.9	150.6	155.1	159.6	7.1
12.0	134.0	138.9	143.7	148.4	153.0	157.5	162.0	7.0
12.5	136.3	141.1	145.8	150.5	155.1	159.6	164.1	6.7
13.0	138.2	142.9	147.6	152.2	156.8	161.3	165.9	6.9
13.5	139.9	144.5	149.1	153.6	158.2	162.7	167.2	6.0
14.0	141.3	145.8	150.2	154.7	159.2	163.7	168.2	6.6
14.5	142.4	146.8	151.1	155.5	160.0	164.5	169.0	5.9
15.0	143.3	147.5	151.8	156.1	160.5	165.0	169.5	6.6
15.5	144.1	148.1	152.3	156.6	160.9	165.3	169.8	5.9
16.0	144.7	148.6	152.7	156.9	161.2	165.6	170.1	6.1
16.5	145.2	149.1	153.1	157.2	161.4	165.7	170.2	6.4
17.0	145.7	149.5	153.4	157.4	161.6	165.9	170.4	6.5
17.5	146.2	149.8	153.6	157.6	161.7	166.0	170.5	6.7
18.0	146.6	150.2	153.9	157.8	161.9	166.1	170.6	6.6

ANNEXURE - 5

WEIGHT(Kg) CENTILES AND STANDARD DEVIATION FOR BOYS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	13.2	14.3	15.6	17.1	19.0	21.3	24.2	3.2
5.5	13.8	15.0	16.5	18.2	20.3	22.9	26.1	2.9
6.0	14.5	15.8	17.4	19.3	21.7	24.6	28.3	3.6
6.5	15.3	16.8	18.6	20.7	23.3	26.6	30.8	3.8
7.0	16.0	17.6	19.6	21.9	24.9	28.6	33.4	4.2
7.5	16.7	18.5	20.7	23.3	26.6	30.8	36.2	4.9
8.0	17.5	19.5	21.9	24.8	28.5	33.2	39.4	5.7
8.5	18.3	20.5	23.2	26.4	30.5	35.7	42.6	6.5
9.0	19.1	21.5	24.3	27.9	32.3	38.0	45.5	6.3
9.5	19.9	22.4	25.6	29.4	34.3	40.5	48.6	7.0
10.0	20.7	23.5	26.9	31.1	36.3	43.0	51.8	7.9
10.5	21.6	24.6	28.3	32.8	38.5	45.8	55.2	8.3
11.0	22.6	25.9	29.8	34.7	40.9	48.7	58.7	8.9
11.5	23.8	27.3	31.6	36.9	43.5	51.8	62.5	9.3
12.0	24.9	28.7	33.3	39.0	46.0	54.8	66.1	10.0
12.5	26.1	30.2	35.1	41.2	48.6	57.8	69.5	10.6
13.0	27.5	31.8	37.0	43.3	51.1	60.7	72.6	11.3
13.5	29.0	33.6	39.1	45.7	53.8	63.6	75.6	11.4
14.0	30.7	35.5	41.3	48.2	56.4	66.3	78.3	12.1
14.5	32.6	37.7	43.7	50.8	59.1	69.1	80.9	11.6
15.0	34.5	39.8	45.9	53.1	61.6	71.5	83.1	12.1
15.5	36.1	41.6	47.9	55.2	63.6	73.4	84.7	11.2
16.0	37.5	43.1	49.5	56.8	65.2	74.8	85.8	12.2
16.5	38.7	44.4	50.9	58.2	66.6	76.1	86.8	12.6
17.0	39.8	45.6	52.1	59.5	67.8	77.1	87.5	12.3
17.5	40.8	46.7	53.2	60.6	68.7	77.8	88.0	12.3
18.0	41.8	47.7	54.3	61.6	69.7	78.6	88.4	11.3

ANNEXURE - 6

WEIGHT(Kg) CENTILES AND

STANDARD DEVIATION FOR GIRLS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	12.3	13.4	14.8	16.4	18.5	21.3	25.0	2.5
5.5	13.0	14.3	15.7	17.6	19.9	22.9	27.0	3.5
6.0	13.7	15.1	16.7	18.7	21.3	24.6	29.1	3.4
6.5	14.4	15.9	17.7	19.9	22.7	26.3	31.2	4.1
7.0	15.1	16.8	18.7	21.2	24.2	28.2	33.4	4.4
7.5	15.9	17.7	19.9	22.5	25.9	30.1	35.7	4.8
8.0	16.7	18.7	21.1	24.0	27.6	32.2	38.1	5.2
8.5	17.5	19.7	22.3	25.5	29.5	34.4	40.7	6.4
9.0	18.5	20.9	23.7	27.2	31.5	36.7	43.4	6.4
9.5	19.5	22.1	25.3	29.0	33.6	39.3	46.3	6.9
10.0	20.7	23.5	26.9	31.0	36.0	42.0	49.4	7.7
10.5	22.0	25.1	28.8	33.2	38.4	44.8	52.6	8.3
11.0	23.3	26.7	30.7	35.4	41.0	47.7	55.9	8.5
11.5	24.8	28.4	32.6	37.6	43.6	50.6	59.1	9.1
12.0	26.2	30.0	34.5	39.8	46.0	53.4	62.1	9.0
12.5	27.6	31.6	36.3	41.8	48.2	55.8	64.8	9.7
13.0	28.9	33.1	37.9	43.6	50.2	57.9	67.1	9.4
13.5	30.2	34.4	39.4	45.1	51.8	59.7	69.0	9.8
14.0	31.3	35.6	40.6	46.4	53.2	61.1	70.4	9.6
14.5	32.3	36.6	41.7	47.5	54.3	62.2	71.4	9.4
15.0	33.1	37.5	42.5	48.4	55.1	62.9	72.1	9.6
15.5	34.0	38.3	43.3	49.1	55.8	63.5	72.5	8.7
16.0	34.7	39.1	44.0	49.7	56.3	64.0	72.8	8.7
16.5	35.5	39.8	44.7	50.3	56.9	64.4	73.1	9.2
17.0	36.2	40.5	45.3	50.9	57.3	64.7	73.3	8.8
17.5	36.9	41.1	46.0	51.5	57.8	65.0	73.4	9.5
18.0	37.6	41.8	46.6	52.0	58.2	65.3	73.5	10.2

ANNEXURE- 7

BODY MASS INDEX PERCENTILE AND STANDARD DEVIATION FOR BOYS

Age	*3*	*5*	*10*	*25*	*50*	*23 Eq(71)*	*27 Eq(90)*	*SD*
5.0	12.1	12.4	12.8	13.6	14.7	15.7	17.5	1.6
5.5	12.2	12.4	12.9	13.7	14.8	15.8	17.6	1.5
6.0	12.2	12.5	12.9	13.7	14.9	16.0	17.8	1.8
6.5	12.3	12.5	13.0	13.8	15.0	16.1	18.0	1.8
7.0	12.3	12.6	13.1	13.9	15.1	16.3	18.2	1.9
7.5	12.4	12.7	13.2	14.1	15.3	16.5	18.5	2.2
8.0	12.5	12.8	13.3	14.2	15.5	16.7	18.8	2.5
8.5	12.6	12.9	13.4	14.4	15.7	17.0	19.2	2.8
9.0	12.7	13.0	13.5	14.5	15.9	17.3	19.6	2.6
9.5	12.8	13.1	13.7	14.7	16.2	17.6	20.1	2.8
10.0	12.9	13.2	13.8	14.9	16.4	18.0	20.5	3.1
10.5	13.0	13.3	14.0	15.1	16.7	18.3	21.0	3.2
11.0	13.1	13.5	14.1	15.4	17.0	18.7	21.5	3.2
11.5	13.2	13.6	14.3	15.6	17.3	19.1	22.1	3.3
12.0	13.3	13.8	14.5	15.8	17.7	19.5	22.6	3.4
12.5	13.5	13.9	14.6	16.0	17.9	19.8	23.0	3.6
13.0	13.6	14.0	14.8	16.3	18.2	20.2	23.4	3.5
13.5	13.7	14.2	14.9	16.5	18.5	20.5	23.8	3.7
14.0	13.8	14.3	15.1	16.7	18.7	20.8	24.2	3.7
14.5	14.0	14.5	15.3	16.9	19.0	21.1	24.5	3.5
15.0	14.2	14.7	15.5	17.2	19.3	21.4	24.9	3.7
15.5	14.4	14.9	15.8	17.4	19.6	21.7	25.2	3.4
16.0	14.6	15.1	16.0	17.7	19.9	22.0	25.5	3.7
16.5	14.9	15.4	16.3	18.0	20.2	22.4	25.8	3.8
17.0	15.1	15.6	16.6	18.3	20.5	22.6	26.0	3.8
17.5	15.4	15.9	16.8	18.6	20.8	22.9	26.3	3.6
18.0	15.6	16.2	17.1	18.9	21.1	23.2	26.6	3.2

ANNEXURE - 8

BODY MASS INDEX PERCENTILE AND STANDARD DEVIATION FOR GIRLS

Age	*3*	*5*	*10*	*25*	*50*	*23 Eq(75)*	*27 Eq(95)*	*SD*
5.0	11.9	12.1	12.5	13.3	14.3	15.5	18.0	1.4
5.5	11.9	12.2	12.6	13.4	14.4	15.7	18.3	1.7
6.0	12.0	12.2	12.7	13.5	14.5	15.9	18.6	1.7
6.5	12.1	12.3	12.8	13.6	14.7	16.1	18.9	2.0
7.0	12.1	12.4	12.8	13.7	14.9	16.4	19.3	2.1
7.5	12.2	12.5	12.9	13.9	15.1	16.6	19.7	2.2
8.0	12.3	12.6	13.1	14.0	15.3	16.9	20.1	2.3
8.5	12.3	12.7	13.2	14.2	15.6	17.2	20.5	2.7
9.0	12.4	12.8	13.3	14.4	15.8	17.6	21.0	2.7
9.5	12.5	12.9	13.5	14.6	16.1	18.0	21.4	2.8
10.0	12.7	13.1	13.7	14.9	16.5	18.4	21.9	2.9
10.5	12.8	13.2	13.9	15.2	16.8	18.8	22.5	3.1
11.0	13.0	13.4	14.1	15.5	17.2	19.3	23.0	3.1
11.5	13.2	13.7	14.4	15.8	17.6	19.8	23.6	3.3
12.0	13.4	13.9	14.7	16.1	18.0	20.2	24.1	3.2
12.5	13.7	14.2	15.0	16.5	18.4	20.7	24.7	3.3
13.0	13.9	14.4	15.2	16.8	18.8	21.1	25.2	3.2
13.5	14.1	14.6	15.5	17.1	19.1	21.5	25.6	3.5
14.0	14.3	14.9	15.7	17.3	19.4	21.8	25.9	3.4
14.5	14.5	15.1	16.0	17.6	19.7	22.0	26.2	3.3
15.0	14.7	15.2	16.1	17.8	19.9	22.3	26.3	3.4
15.5	14.9	15.4	16.3	18.0	20.1	22.4	26.4	3.1
16.0	15.0	15.6	16.5	18.2	20.3	22.6	26.5	3.1
16.5	15.2	15.8	16.7	18.4	20.4	22.8	26.6	3.2
17.0	15.4	16.0	16.9	18.6	20.6	22.9	26.7	3.0
17.5	15.5	16.1	17.1	18.7	20.8	23.1	26.7	3.1
18.0	15.7	16.3	17.3	18.9	21.0	23.2	26.8	3.6

ANNEXURE -9

SMOOTHED AND WEIGHTED AGE AND SEX SPECIFIC WAIST CIRCUMFERENCE PERCENTILE VALUES (cm) FOR INDIAN CHILDREN 3-16 YEARS OF AGE

Sex	Age (y)	Percentiles							
		5th	10th	25th	50th	75th	85th	90th	95th
Boys	3	42.9	44.0	46.0	48.4	51.1	52.7	53.9	55.7
	4	44.1	45.3	47.4	49.9	52.8	54.5	55.7	57.6
	5	45.2	46.5	48.7	51.5	54.6	56.4	57.8	59.8
	6	46.3	47.6	50.1	53.1	56.5	58.6	60.0	62.4
	7	47.4	48.8	51.5	54.8	58.6	60.9	62.5	65.2
	8	48.5	50.0	52.9	56.6	60.8	63.4	65.2	68.2
	9	49.6	51.3	54.4	58.4	63.1	66.0	68.1	71.5
	10	50.8	52.6	56.0	60.4	65.6	68.8	71.1	74.9
	11	52.2	54.1	57.8	62.5	68.1	71.7	74.2	78.5
	12	53.7	55.7	59.6	64.7	70.7	74.6	77.4	82.0
	13	55.4	57.6	61.7	67.0	73.4	77.5	80.4	85.4
	14	57.4	59.6	63.9	69.4	76.1	80.3	83.4	88.5
	15	59.7	62.0	66.3	72.0	78.7	83.0	86.1	91.3
	16	62.4	64.7	69.0	74.7	81.3	85.5	88.6	93.6
Girls	3	44.3	45.3	47.1	49.3	51.8	53.3	54.4	56.1
	4	44.6	45.7	47.7	50.2	52.9	54.6	55.8	57.7
	5	45.3	46.5	48.7	51.4	54.5	56.4	57.8	59.9
	6	46.3	47.6	49.9	52.9	56.4	58.6	60.1	62.6
	7	47.5	48.9	51.5	54.8	58.7	61.1	62.8	65.6
	8	48.9	50.4	53.2	56.8	61.1	63.8	65.8	69.0
	9	50.5	52.1	55.1	59.0	63.7	66.7	68.9	72.4
	10	52.2	53.9	57.1	61.3	66.4	69.6	72.0	75.9
	11	54.0	55.8	59.2	63.7	69.1	72.5	75.0	79.3
	12	55.8	57.7	61.3	66.0	71.6	75.2	77.9	82.3
	13	57.7	59.7	63.4	68.2	74.0	77.7	80.4	84.9
	14	59.7	61.7	65.4	70.2	76.1	79.7	82.5	87.0
	15	61.7	63.7	67.3	72.1	77.7	81.3	83.9	88.2
	16	63.7	65.6	69.1	73.6	79.0	82.3	84.7	88.6

Age: completed age, e.g. 3 y = 3.00-3.99 y

ANNEXURE - 10

SMOOTHED AND WEIGHTED AGE AND SEX SPECIFIC WAIST - HEIGHT(WHT) RATIO PERCENTILE VALUES FOR INDIAN CHILDREN 3-16 YEARS OF AGE

Sex	Age (y)	Percentiles							
		5th	10th	25th	50th	75th	85th	90th	95th
Boys	3	0.44	0.45	0.47	0.50	0.52	0.54	0.55	0.56
	4	0.43	0.44	0.46	0.49	0.51	0.53	0.54	0.56
	5	0.42	0.43	0.45	0.48	0.51	0.52	0.53	0.55
	6	0.41	0.42	0.45	0.47	0.50	0.51	0.52	0.54
	7	0.40	0.41	0.44	0.46	0.49	0.51	0.52	0.54
	8	0.39	0.41	0.43	0.45	0.48	0.50	0.51	0.53
	9	0.38	0.40	0.42	0.45	0.48	0.49	0.51	0.53
	10	0.38	0.39	0.41	0.44	0.47	0.49	0.50	0.52
	11	0.37	0.38	0.41	0.43	0.47	0.49	0.50	0.52
	12	0.37	0.38	0.40	0.43	0.46	0.48	0.50	0.52
	13	0.36	0.38	0.40	0.43	0.46	0.48	0.50	0.52
	14	0.36	0.38	0.40	0.43	0.46	0.49	0.50	0.52
	15	0.37	0.38	0.40	0.43	0.47	0.49	0.50	0.53
	16	0.37	0.39	0.41	0.44	0.48	0.50	0.51	0.53
Girls	3	0.46	0.47	0.49	0.51	0.54	0.55	0.56	0.58
	4	0.45	0.46	0.47	0.50	0.52	0.54	0.55	0.56
	5	0.43	0.44	0.46	0.48	0.51	0.52	0.53	0.55
	6	0.42	0.43	0.45	0.47	0.50	0.51	0.52	0.54
	7	0.41	0.42	0.44	0.46	0.49	0.51	0.52	0.54
	8	0.40	0.41	0.43	0.46	0.48	0.50	0.51	0.53
	9	0.39	0.41	0.43	0.45	0.48	0.50	0.51	0.53
	10	0.39	0.40	0.42	0.45	0.48	0.50	0.51	0.54
	11	0.39	0.40	0.42	0.45	0.48	0.50	0.52	0.54
	12	0.39	0.40	0.42	0.45	0.48	0.50	0.52	0.54
	13	0.39	0.40	0.42	0.45	0.49	0.51	0.52	0.55
	14	0.39	0.40	0.42	0.45	0.49	0.51	0.53	0.55
	15	0.39	0.41	0.43	0.46	0.49	0.52	0.53	0.56
	16	0.40	0.41	0.44	0.47	0.50	0.52	0.54	0.56

Age: completed age, e.g. 3 y = 3.00-3.99 y

ABBREVIATION

SCHOOL:

P- PRIVATE SCHOOL

G-GOVERNMENT SCHOOL

EDUCATIONAL STATUS :

I – ILLITERATE

PS : PRIMARY SCHOOL (1-5 TH STD)

MS : MIDDLE SCHOOL (6 – 8 STD)

HS : HIGH SCHOOL (9 – 10 TH STD)

PHS : POST HIGH SCHOOL (11-12 TH STD)

D : DEGREE

PG : POST GRATUATE

P : PROFESSIONAL AND HONOURS

PROFESSION :

UE : UN EMPLOYED

US : UN SKILLED

S S : SEMI SKILLED

S : SKILLED

F : SHOP AND AGRICULTURE

SP : SEMI PROFESSIONAL

P : PROFESSIONAL

INCOME :

A - < 1600RS

B : 1600 RS – 4809 RS

C : 4810RS – 8009 RS

D : 8010RS - 12019RS

E : 12020 RS – 16019 RS

F : 16020 RS -32049 RS

G : > 32050RS

LIVING WITH

P : PARENTS

G : GUARDIAN

GP : GRAND PARENT

SNACKS

H : HEALTHY

UH : UNHEALTY

EXTRA-CURRICULAR ACTIVITIES

I : INDOOR

O : OUTDOOR

SOCIAL ECONOMICS STATUS

CLASS 1

CLASS 2

CLASS 3

CLASS 4

CLASS 5

ESTIMATION OF OBESITY PROJECT

S No	Name	Age	Sex	Std	School private=Ppublic=G	Father Age	Father edu. QI I,PS,MS,HS,PHS,D,PG	Father Profession UE,US,SS,S,F,SP,P	Mother Age	Mother edu. QI L,PS,MS,HS PHS,D,PD	Mother Profession UE,US,SS,S, SP,P	Income A,B,C,D,E,F,G	Living with parent/ GP / guardian	No of siblings	No of members in family	Snacks eaten everyday H/UH	No of hrs watching Tv	No of meals tkn watching TV	Extra curricular activities I/O	Night sleeping time	Morning waking time	SES	Weight in KG	Height in CM	Waist circumfrence CM	BMI	W/H ratio	Obesity as per BMI	Obesity as per WC	Obesity as per W/Hratio
1	PIOUS S VINSTEN	11	M	7	P	48	D	SH	45	PD	P	C	P		3	UH	4	2	O	10.00	6.00	CLASS 3	53	160	83	20.70	0.52		OBESE	OBESE
2	RIYAS KHAN	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	O	8.50	5.00	CLASS 3	28	142	56	13.89	0.39			
3	JOSHUA	11	M	7	P	45	D	P	35	D	S	B	P	1	4	UH	2.5	1	O	10.00	5.50	CLASS 4	39	135	71	21.40	0.53		OBESE	OBESE
4	BHARATH KUMAR	11	M	7	P	42	MS	SH	31	HS	S	C	P	1	4	UH	4	1	O	10.00	4.00	CLASS 3	28	132	64	16.07	0.48			
5	BALA SANGESH	11	M	7	P	54	MS	UE	40	PS	S	C	P	1	4	H	2	1	O	9.50	6.50	CLASS 3	35	143	69	17.12	0.48			
6	B.AKASH	11	M	7	P	42	MS	S	33	HS	S	B	P		3	UH	2	1	O	9.50	6.50	CLASS 3	29	137	65	15.45	0.47			
7	A.ABIRAM	11	M	7	P	41	HS	SS	34	MS	SS	C	P	1	4	UH	3	3	O	8.50	5.50	CLASS 3	48	154	76	20.24	0.49		OBESE	
8	SATHISH	14	M	7	P	47	MS	UE	42	MS	S	C	P	1	4	UH	3	1	O	9.50	6.30	CLASS 3	30	144	61	14.47	0.42			
9	S. CHARAN	14	M	7	P	47	HS	S	38	MS	US	C	P	1	4	UH	2	1	O	11.00	5.50	CLASS 3	31	140	62	15.82	0.44			
10	VARUN	14	M	7	P	36	MS	UE	32	MS	S	C	P	1	4	UH	5	1	O	10.00	7.50	CLASS 3	39	169	61	13.65	0.36			
11	THOWSHIF AHMED	13	M	7	P	42	MS	US	31	MS	UE	C	P	1	4	UH	2.5	1	O	9.50	5.50	CLASS 3	44	160	61	17.19	0.38			
12	HARIHARAN	13	M	7	P	36	HS	S	34	HS	S	C	P	1	4	H	4	1	O	10.00	6.00	CLASS 3	39.7156	156	60	16.32	0.38			
13	GAUTHAM	13	M	7	P	42	MS	S	37	IL	UE	B	P	1	4	H	4	1	O	9.00	5.00	CLASS 3	29	139	56	15.01	0.40			
14	AM.F ASHIF AHMED	13	M	7	P	40	HS	US	30	MS	UE	C	P	3	6	UH	2	1	O	9.00	6.00	CLASS 3	37	151	59	16.23	0.39			
15	NARENDRAN	13	M	7	P	42	HS	S	38	MS	UE	C	P	1	4	UH	4	1	O	9.50	7.00	CLASS 3	38.5	156	61	15.82	0.39			
16	ABDULLAH	13	M	7	P	50	MS	S	42	HS	UE	D	P	1	4	UH	3	1	O	12.00	7.00	CLASS 3	32	142	55	15.87	0.39			
17	ARUN SELVAN	12	M	7	P	36	MS	US	32	HS	UE	C	P	1	4	UH	1	1	O	9.00	6.00	CLASS 3	37.1	148	57	16.94	0.39			
18	SUHAIL	11	M	7	P	37	MS	S	39	HS	UE	B	P	2	7	UH	2	1	O	9.50	6.00	CLASS 3	23	136	50	12.44	0.37			
19	SUJEETH	11	M	7	P	34	MS	S	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 3	22	134	47	12.25	0.35			
20	SANTRO	11	M	7	P	41	D	P	30	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	28	144	53	13.50	0.37			
21	G.S SURESH	11	M	7	P	46	MS	US	32	MS	UE	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 3	39	144	64	18.81	0.44			
22	SABARI KARTHIK	13	M	7	P	45	MS	S	39	MS	UE	C	P	1	4	UH	2	1	O	10.50	5.50	CLASS 3	31	144	54	14.95	0.38			
23	SANOOP	13	M	8	P	46	MS	US	-	-	-	C	G	2	5	H	3	3	O	9.00	6.00	CLASS 3	61	155	32	25.39	0.21			
24	SUNDARESAN	13	M	8	P	43	D	S	36	MS	UE	C	P	1	4	UH	2	1	O	10.00	7.00	CLASS 3	38	147	61	17.59	0.41			
25	FRANCIS	13	M	8	P	43	MS	SS	33	PS	S	C	P	2	5	UH	2	1	O	9.00	7.00	CLASS 3	36	150	53	16.00	0.35			
26	NISHAD	13	M	8	P	42	I	US	38	PS	UE	C	P	2	5	UH	3	3	O	10.00	6.00	CLASS 2	51	158	70	20.43	0.44			
26	ANEES	13	M	8	P	41	PS	SS	32	HS	UE	D	P	1	4	UH	1	1	O	11.00	6.30	CLASS 3	38	152	64	16.45	0.42			
27	SYED IRSHAD	13	M	8	P	40	I	F	38	MS	UE	D	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	34	152	56	14.72	0.37			
28	MOHAMMAD	13	M	8	P	39	I	S	36	MS	UE	D	P	2	5	H	3	0	O	9.00	6.00	CLASS 2	42	155	62	17.48	0.40			
29	NIZAR	13	M	8	P	41	PS	US	36	PS	UE	D	P	2	5	H	3	2	I	11.00	6.00	CLASS 3	29	145	55	13.79	0.38			
30	SREEHARAN	13	M	8	P	39	HS	S	32	MS	UE	D	P	1	4	UH	2	2	O	9.00	6.00	CLASS 2	50	155	71	20.81	0.46			

31	KARTHIKRAJA	13	M	8	P	37	PS	US	32	HS	UE	D	P	1	4	UH	2	0	O	9.00	6.00	CLASS 3	39	157	56	15.82	0.36			
32	ROSHAN	13	M	8	P	41	MS	S	35	PS	UE	D	P	2	5	H	2	0	O	8.30	6.30	CLASS 3	28	143	50	13.69	0.35			
33	ARSHAD	13	M	8	P	41	HS	S	32	PHS	UE	C	P	1	4	H	3	0	O	12.00	8.00	CLASS 3	27	135	54	14.81	0.40			
34	KARTHIKRAJA	13	M	8	P	45	HS	S	44	HS	UE	D	G	1	4	UH	3	3	O	9.00	6.00	CLASS 3	38	153	57	16.23	0.37			
35	PRASANNA KUMAR	13	M	8	P	-	-	-	36	HS	S	D	P	0	2	UH	1.5	2	O	10.30	5.30	CLASS 3	37	148	60	16.89	0.41			
36	SHEIK MUSHRAF	13	M	8	P	42	PMS	S	36	PHS	UE	D	P	1	4	H	1	0	O	10.00	5.40	CLASS 3	32	142	57	15.87	0.40			
37	RAHUL	13	M	8	P	45	PS	S	43	MS	S	D	P	1	4	UH	1	2	I	10.00	7.00	CLASS 3	35	145	54	16.65	0.37			
38	THOUFEEK	13	M	8	P	35	MS	US	30	PS	UE	D	P	2	6	H	0	0	O	10.00	6.00	CLASS 3	33	133	63	18.66	0.47			
39	KANNAN	13	M	8	P	-	-	-	-	-	-	-	GP	1	4	UH	3	3	I	10.00	7.00	CLASS 3	47	155	68	19.56	0.44			
40	GAJENDRAN	13	M	8	P	48	HS	S	43	HS	UE	D	P	1	4	H	3	1	O	9.00	5.00	CLASS 3	45	162	69	17.15	0.43			
41	SANJAY	13	M	8	P	40	MS	S	37	MS	UE	E	P	1	5	UH	1	0	O	10.30	6.30	CLASS 3	54	148	65	24.65	0.44			
42	HARHARAN	13	M	8	P	44	PS	US	40	D	P	E	P	1	4	H	2	0	O	9.30	6.30	CLASS 2	29	140	51	14.80	0.36			
43	VYSHNAV	13	M	8	P	46	MS	UE	38	PHS	S	D	P	1	4	H	4	2	O	10.00	6.00	CLASS 3	40	156	60	16.44	0.38			
44	JAGANATHAN	13	M	8	P	45	PHS	S	42	D	S	G	P	1	4	UH	1.5	1	I	8.00	5.50	CLASS 2	36	148	55	16.44	0.37			
45	GOPALA KRISHNAN	13	M	8	P	45	HS	S	45	HS	UE	E	P	1	4	H	1	1	O	9.30	6.30	CLASS 3	46	156	67	18.90	0.43			
46	DINESHKUMAR	13	M	8	P	46	MS	S	42	HMS	UE	E	P	1	4	UH	3	3	I	9.00	6.00	CLASS 3	31	150	51	13.78	0.34			
47	ARSHAD AHAMED	13	M	7	P	45	HS	US	42	PHS	S	D	P	0	3	UH	3	3	O	8.00	5.40	CLASS 3	34	142	57	16.86	0.40			
48	ANANDHA RAJ	13	M	8	P	46	MS	S	41	MS	UE	D	P	2	6	H	2	2	I	10.00	6.00	CLASS 3	49	162	63	18.67	0.39			
49	MOHAMMAD AFSAR	13	M	8	P	47	MS	US	41	HS	UE	D	P	2	5	H	5	2	I	10.00	6.30	CLASS 4	44	143	68	21.52	0.48			
50	SATHYA NARAYANAN	13	M	8	P	43	MS	S	38	MS	US	E	P	1	4	UH	0.5	0	I	9.30	6.00	CLASS 3	34	145	55	16.17	0.38			
51	RAJESH	13	M	8	P	42	MS	S	33	MS	UE	D	P	1	4	UH	1	1	O	9.00	6.00	CLASS 3	33	145	67	15.70	0.46			
52	ANAZ	14	M	7	P	45	HS	US	40	HS	UE	F	P	2	5	UH	3	3	O	9.00	6.00	CLASS 2	40	152	69	17.31	0.45			
53	PRACHAD	14	M	8	P	36	PS	US	38	HS	S	E	P	0	3	UH	2	2	O	9.00	6.00	CLASS 3	37	153	64	15.81	0.42			
54	SANJAY	14	M	8	P	32	PHS	S	28	HS	UE	F	P	2	5	UH	1	0	O	9.00	6.00	CLASS 2	36	155	58	14.98	0.37			
55	VENKATESHWARAN	14	M	8	P	38	HS	S	36	D	P	F	P	1	4	UH	3	2	O	10.00	6.00	CLASS 1	31	144	55	14.95	0.38			
56	PARTHIBAN	14	M	8	P	42	PHS	S	40	MS	UE	F	P	1	4	UH	1.5	1	I	9.00	6.30	CLASS 2	25	132	52	14.35	0.39			
57	UMAR	14	M	8	P	43	MS	US	39	PS	UE	F	P	1	4	UH	1	0	O	10.00	7.30	CLASS 3	34	142	58	16.86	0.41			
58	SAI VIGNESH	14	M	8	P	45	HS	F	45	MD	UE	F	P	3	6	UH	2	2	O	10.00	7.00	CLASS 2	46	154	70	19.40	0.45			
59	SRIKANTH	14	M	8	P	40	PHS	S	35	HS	UE	D	P	2	5	UH	2	1	O	9.00	7.00	CLASS 3	35	149	60	15.77	0.40			
60	NEWTON FELIX	14	M	8	P	-	-	-	43	MS	US	C	P	1	3	UH	1	0	O	10.30	5.30	CLASS 4	57	164	72	21.19	0.44			
61	ABDUL ADIL	14	M	8	P	49	MS	S	46	MS	UE	D	P	2	5	UH	1	1	O	9.00	6.00	CLASS 3	49	160	63	19.14	0.39			
62	PRAVEEN	14	M	8	P	44	PS	US	38	HS	US	D	P	1	4	H	2.5	0	I	10.00	6.30	CLASS 4	37	153	60	15.81	0.39			
63	MOHAMMED	14	M	8	P	34	I	US	32	HS	UE	D	P	1	4	UH	2	2	O	9.00	6.00	CLASS 4	43	162	62	16.38	0.38			
64	ABDUL MUNAF	14	M	8	P	42	PHS	S	35	HS	UE	E	P	2	5	UH	1	0	-	9.00	6.00	CLASS 3	44	165	61	16.16	0.37			

65	MANOJ KUMAR	14	M	8	P	45	MS	F	39	PS	UE	E	P	0	3	UH	3	1	I	10.00	7.10	CLASS 3	79	163	86	29.73	0.53	OBESE	OBESE	OBESE
66	GOKULA KRISHNAN	14	M	8	P	45	MS	S	43	MS	S	C	P	1	4	UH	1	1	I	10.50	6.50	CLASS 4	35	146	55	16.42	0.38			
67	MOHAMMAD HARSHAD	14	M	8	P	45	HS	S	40	HS	UE	C	P	1	4	H	4	3	O	9.00	6.00	CLASS 3	23	130	51	13.61	0.39			
68	SHAN SEMIL	13	M	8	P	-	-	-	36	HS	S	B	P	0	2	UH	3	0	O	9.00	5.30	CLASS 4	45	155	65	18.73	0.42			
69	SERALATHAN	11	M	7	P	45	MS	S	42	MS	UE	B	P	1	4	UH	0.5	0	O	10.45	4.45	CLASS 4	26	140	59	13.27	0.42			
70	HARI	13	M	7	P	35	HS	F	30	PHS	UE	E	P	1	4	UH	3	3	I	11.00	5.30	CLASS 2	57	157	84	23.12	0.54		OBESE	OBESE
71	HARIKUMAR	13	M	7	P	41	HS	S	34	PHS	UE	C	P	1	4	UH	0.5	1	O	9.00	6.30	CLASS 3	28	140	60	14.29	0.43			
72	AAKASH	13	M	7	P	44	PHS	F	39	HS	S	G	P	1	6	UH	6	3	I	10.30	6.00	CLASS 2	47	159	76	18.59	0.48		OBESE	
73	SRI KANTH	13	M	7	P	42	HS	F	37	D	UE	C	P	1	4	UH	1.3	1	O	10.30	6.30	CLASS 3	35	146	71	16.42	0.49			
74	SOUNDAERAJAN	13	M	7	P	39	PHS	F	38	PHS	UE	B	P	1	4	UH	1	1	O	9.30	6.30	CLASS 3	40	149	70	18.02	0.47			
75	JOHNSON	13	M	7	P	-	-	-	35	MS	US	B	P	1	3	UH	3	0.3	O	10.30	6.30	CLASS 4	49	155	77	20.40	0.50		OBESE	OBESE
76	CHIRANJIVI	12	M	7	P	41	MS	F	27	MS	S	C	P	0	3	H	3	1	O	9.00	6.30	CLASS 3	37	145	58	17.60	0.40			
77	AFSAL	12	M	7	P	45	MS	F	41	HS	UE	C	P	1	4	UH	1.5	1	I	10.10	6.00	CLASS 3	36	150	67	16.00	0.45		OBESE	OBESE
78	ABISHEK	12	M	7	P	40	HS	S	35	PHS	UE	B	P	2	5	UH	1	1	O	9.00	7.00	CLASS 3	35	150	70	15.56	0.47			
79	SAMUEL	12	M	7	P	45	PS	F	39	D	P	G	P	1	4	UH	4	1	O	10.00	6.00	CLASS 1	44	159	76	17.40	0.48		OBESE	
80	SHANE	12	M	7	P	35	D	SP	32	D	SP	G	P	1	4	UH	5	3	O	9.00	6.15	CLASS 2	67	166	90	24.31	0.54		OBESE	OBESE
81	SOLOMON RAJA DANIEL	12	M	7	P	50	HS	F	47	PHS	UE	C	P	3	6	UH	1	1	I	10.00	6.00	CLASS 3	38	147	69	17.59	0.47			
82	THPWFICK ROSHAN	12	M	7	P	43	PS	US	27	HS	UE	C	P	1	4	UH	3	1	O	9.30	6.00	CLASS 4	27	142	56	13.39	0.39			
83	RUFUS	13	M	7	P	41	D	S	39	D	UE	C	P	1	4	UH	1	1	I	9.00	7.00	CLASS 3	42	150	71	18.67	0.47			
84	LASHAN KUMAR	13	M	7	P	46	PHS	F	45	HS	UE	C	P	1	4	UH	3	1	O	9.00	7.00	CLASS 2	38	151	73	16.67	0.48			
85	VISHNU PRAKASH	12	M	7	P	44	MS	S	41	PS	UE	C	P	0	3	UH	5	1	I	8.30	7.00	CLASS 4	31	140	64	15.82	0.46			
86	VISHNU	12	M	7	P	45	MS	S	41	MS	S	D	P	1	4	UH	4	1	O	10.00	6.00	CLASS 3	31	140	60	15.82	0.43			
87	VIGNESH KUMAR	12	M	7	P	47	D	P	35	PHS	S	C	P	1	5	UH	1	1	I	10.00	7.00	CLASS 2	34	154	70	14.34	0.45			
88	NANDHA KUMAR	12	M	7	P	44	HS	S	38	MS	UE	D	P	1	4	UH	2	1	O	9.30	4.45	CLASS 3	24	135	56	13.17	0.41			
89	NAGENDRAN	12	M	7	P	32	HS	US	29	MS	UE	C	P	1	6	UH	1	1	I	9.30	5.00	CLASS 4	46	148	74	21.00	0.50		OBESE	OBESE
90	MOHAMMAD AZARUDEEN	12	M	7	P	41	HS	F	39	PHS	F	C	P	1	4	UH	0.5	1	O	10.00	6.30	CLASS 3	24	135	54	13.17	0.40			
91	KISHORE	12	M	7	P	44	PS	F	41	PHS	UE	F	P	1	7	UH	3	0	I	8.00	5.00	CLASS 2	30	145	61	14.27	0.42			
92	JAYASURYA	12	M	7	P	38	PS	S	33	PHS	UE	C	P	1	4	UH	2	1	I	11.00	7.00	CLASS 3	45	157	75	18.26	0.48		OBESE	
93	IRISH AARON	12	M	7	P	43	PHS	SP	42	PHS	SP	E	P	1	4	UH	3.5	2	O	10.00	6.00	CLASS 2	36	150	70	16.00	0.47			
94	GOKULA KRISHNAN	12	M	7	P	39	PS	F	34	HS	UE	C	P	1	4	UH	6	1	O	11.30	7.00	CLASS 3	29	145	61	13.79	0.42			
95	JANARTHANAN	14	M	8	P	43	MS	S	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	42	160	63	16.41	0.39			
96	HARAASARAN	14	M	8	P	58	PHS	S	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 3	30	157	57	12.17	0.36			
97	VISHNU	15	M	8	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	39	159	56	15.43	0.35			
98	SURYA	14	M	8	P	40	HS	S	35	D	UE	D	P	1	4	UH	4	2	I	11.00	7.00	CLASS 3	41	157	65	16.63	0.41			

99	ASHIQ	14	M	8	P	38	HS	US	36	HS	UE	C	P	1	4	UH	4	1	O	8.00	5.00	CLASS 4	36	147	58	16.66	0.39			
100	MUSTHAFA	14	M	8	P	39	PS	F	29	HS	UE	C	P	2	5	UH	2	1	O	9.00	5.00	CLASS 3	34	155	65	14.15	0.42			
101	SANDEEP	14	M	8	P	42	PHS	S	38	HS	UE	D	P	1	8	UH	2	0	O	9.30	6.00	CLASS 3	38	152	59	16.45	0.39			
102	SANJAY KUMAR	14	M	8	P	38	MS	S	35	HS	UE	B	P	1	4	H	2	0	I	10.00	7.00	CLASS 2	28	148	54	12.78	0.36			
103	THEJAS	14	M	8	P	52	D	SP	41	D	UE	C	P	1	4	UH	2	2	O	10.30	6.00	CLASS 3	42	146	64	19.70	0.44			
104	ABDUL RAZAK	12	M	7	P	43	MS	F	33	MS	UE	C	P	2	6	UH	3	1	I	9.00	6.45	CLASS 3	39	140	75	19.90	0.54		OBESE	OBESE
105	HARI KRISHNAN	12	M	7	P	39	PHS	S	35	HS	S	E	P	1	5	UH	2	1	I	10.00	6.45	CLASS 3	42	138	78	22.05	0.57		OBESE	OBESE
106	ABLAH	13	M	8	P	40	PS	F	35	PHS	UE	C	P	1	4	UH	4	1	O	9.30	7.30	CLASS 3	32	138	57	16.80	0.41			
107	JERALD	12	M	8	P	45	HS	S	33	D	SP	E	P	1	4	UH	3	0	O	10.00	6.00	CLASS 2	43	168	66	15.24	0.39			
108	DHALHA	12	M	8	P	43	D	S	39	MS	UE	C	P	1	4	UH	0.5	0	O	10.00	5.00	CLASS 3	47	166	65	17.06	0.39			
109	ROSHAN ASRAF	13	M	8	P	44	HS	S	38	HS	UE	C	P	1	4	UH	3	0	O	10.30	6.00	CLASS 3	40	158	60	16.02	0.38			
110	RAGUF	13	M	8	P	44	HS	S	38	HS	UE	C	P	1	5	UH	4	1	O	10.30	6.00	CLASS 3	30	154	56	12.65	0.36			
111	PARTHIBAN	13	M	8	P	45	MS	S	42	MS	S	D	P	1	8	UH	4	1	O	10.00	7.00	CLASS 3	43	152	76	18.61	0.50		OBESE	OBESE
112	SAMUEL	14	M	8	P	47	PHS	S	42	HS	UE	C	P	0	3	UH	2	0	I	10.00	7.00	CLASS 3	34	136	54	18.38	0.40			
113	THANISH	14	M	8	P	40	HS	F	34	D	UE	E	P	1	5	UH	5	2	I	10.00	6.00	CLASS 2	34	169	60	11.90	0.36			
114	SIVA	14	M	8	P	32	PHS	S	29	HS	UE	C	P	1	4	UH	2	2	O	9.00	6.00	CLASS 3	28	137	51	14.92	0.37			
115	BALA KRISHNAN	15	M	8	P	45	HS	F	39	PHS	F	C	P	1	4	UH	1	0	O	10.00	6.00	CLASS 3	40	175	70	13.06	0.40			
116	VIGNESH	14	M	8	P	43	-	-	39	-	-	-	G	2	JF	UH	4	1	O	9.30	7.00	CLASS 5	38	156	61	15.61	0.39			
117	NAWAS SHERIF	14	M	8	P	45	HS	S	35	MS	UE	C	P	2	5	UH	2	0	I	10.30	6.40	CLASS 3	45	155	65	18.73	0.42			
118	SARAVANA MURUIGAN	14	M	8	P	52	MS	US	46	HS	UE	B	P	2	5	UH	4	3	I	8.30	5.30	CLASS 4	45	143	73	22.01	0.51			OBESE
119	SIMON	13	M	8	P	48	HS	S	42	HS	UE	C	P	2	5	UH	2	0	O	10.00	6.00	CLASS 3	40	159	58	15.82	0.36			
120	DURGAVARANTH	13	M	8	P	45	MS	US	36	MS	S	B	P	1	4	H	0.3	1	O	11.00	7.00	CLASS 4	50	170	68	17.30	0.40			
121	SHRRIF SHMED	13	M	8	P	39	MS	US	34	HS	S	C	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	39	152	60	16.88	0.39			
122	BALAKRISHNAN	13	M	8	P	32	MS	S	30	MS	S	A	P	1	4	UH	3	1	O	9.00	7.00	CLASS 3	40	147	68	18.51	0.46			
123	ANAS	13	M	8	P	40	MS	F	32	HS	UE	C	P	2	5	UH	3	0	O	11.00	6.30	CLASS 3	35	145	58	16.65	0.40			
124	ARAVINTHAN	13	M	8	P	40	PS	F	35	MS	UE	E	P	0	3	UH	5	1	O	11.00	6.00	CLASS 3	42	148	64	19.17	0.43			
125	SATHISH	13	M	8	P	52	HS	S	46	MS	S	C	P	1	4	UH	3	3	O	10.00	6.00	CLASS 3	25	136	51	13.52	0.38			
126	FAZILIKRAM	12	M	8	P	38	HS	S	30	PS	UE	C	P	1	4	UH	2	1	O	9.00	6.00	CLASS 3	35	153	62	14.95	0.41			
127	ANVAR	13	M	8	P	47	MS	S	40	PS	UE	B	P	0	3	UH	5	2	O	10.00	8.00	CLASS 4	60	170	76	20.76	0.45		OBESE	
128	PREMKUMAR	13	M	8	P	45	D	SP	37	D	UE	C	P	1	6	UH	2	3	I	9.00	6.30	CLASS 3	30	149	52	13.51	0.35			
129	THAMEEZ	12	M	8	P	47	PS	S	40	HS	UE	B	P	2	6	UH	2	1	O	10.00	6.00	CLASS 4	40	156	64	16.44	0.41			
130	PRAGADEEWARAN	13	M	8	P	43	HS	S	39	HS	UE	C	P	1	JF	UH	4	1	O	9.30	6.00	CLASS 3	35	149	59	15.77	0.40			
131	KRISHNAKANTH	13	M	8	P	43	HS	S	38	MS	UE	C	P	1	5	UH	5	2	O	11.00	7.00	CLASS 3	40	160	71	15.63	0.44			
132	AJAY	13	M	8	P	43	PHS	F	32	HS	UE	E	P	2	4	UH	5	1	I	10.00	7.00	CLASS 2	52	162	76	19.81	0.47		OBESE	

133	SELVAGANESH	13	M	8	P	45	HS	S	36	PS	S	C	P	1	4	UH	2	2	I	10.30	6.40	CLASS 3	40	154	65	16.87	0.42			
134	MAHESH KUMAR	13	M	8	P	45	MS	S	35	PS	UE	D	P	1	4	UH	6	3	O	10.00	7.00	CLASS 3	25	140	56	12.76	0.40			
135	STEVE JOHANSON	13	M	8	P	47	D	SP	40	PHS	UE	C	P	1	4	UH	2	2	O	10.00	5.00	CLASS 3	32	151	51	14.03	0.34			
136	MANOJ	13	M	8	P	45	PHS	S	37	HS	UE	F	P	2	5	UH	3	2	O	10.00	4.00	CLASS 2	35	146	52	16.42	0.36			
137	KISHORE	13	M	8	P	43	PHS	S	39	MS	UE	C	P	1	4	UH	5	2	O	10.00	7.00	CLASS 3	45	148	60	20.54	0.41			
138	SANJAY	12	M	7	P	42	MS	S	39	MS	UE	C	P	1	4	UH	1	0	O	9.00	6.00	CLASS 4	25	128	50	15.26	0.39			
139	SUHAIL RAHUMAN	12	M	7	P	38	PHS	F	32	HS	UE	C	P	1	7	UH	1	1	O	10.00	7.00	CLASS 3	42	144	73	20.25	0.51		OBESE	OBESE
140	SHIYATH AHMED	12	M	7	P	52	HS	F	47	PHS	UE	G	P	2	5	UH	4	1	O	12.00	6.00	CLASS 2	42	161	59	16.20	0.37			
141	VISWANATH	12	M	7	P	40	HS	S	36	HS	UE	C	P	1	4	H	1	1	I	9.00	6.30	CLASS 3	31	151	52	13.60	0.34			
142	SABARI VASAN	12	M	7	P	42	HS	F	37	MS	UE	C	P	1	4	H	1	1	I	9.00	6.30	CLASS 3	40	159	61	15.82	0.38			
143	GNANA VIGNESH	12	M	7	P	53	MS	S	40	MS	UE	B	P	0	3	H	1	1	O	10.00	7.00	CLASS 4	35	141	62	17.60	0.44			
144	ROSHAN	12	M	7	P	38	HS	S	36	MS	UE	F	P	2	5	UH	3	1	O	10.00	7.00	CLASS 2	43	151	65	18.86	0.43			
145	SALMAN HUSSAIN	13	M	7	P	40	MS	F	33	PHS	UE	C	P	2	5	UH	2	1	O	11.00	7.00	CLASS 3	40	145	62	19.02	0.43			
146	ASHIF AHMED	12	M	7	P	38	HS	S	35	HS	UE	C	P	1	4	UH	3	1	I	10.00	6.00	CLASS 3	51.1	150	74	22.71	0.49		OBESE	
147	MOHAMMED ISSAK	12	M	7	P	52	HS	S	45	PHS	UE	C	P	2	4	UH	2	1	O	10.00	6.30	CLASS 3	29.6	144	55	14.27	0.38			
148	ABISHEK	12	M	7	P	39	HS	S	31	MS	UE	D	P	1	4	UH	3	1	O	9.00	6.00	CLASS 3	34	143	57	16.63	0.40			
149	MUGESH	12	M	7	P	41	HS	F	37	PHS	UE	C	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	33	149	54	14.86	0.36			
150	GOKUL KRISHNAN	12	M	7	P	39	MPS	S	37	HS	UE	B	P	1	4	UH	3	1	O	10.00	7.00	CLASS 4	29	138	57	15.23	0.41			
151	DEVA PRASATH	12	M	7	P	40	PS	F	32	HS	UE	A	P	4	7	UH	1	1	O	8.00	7.00	CLASS 4	42	149	62	18.92	0.42			
152	PRABHU RAM	12	M	7	P	60	PS	F	53	HS	UE	B	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	35	144	60	16.88	0.42			
153	KARTHIKAN	12	M	7	P	40	MS	S	35	HS	S	D	P	1	4	H	1	1	O	10.00	7.00	CLASS 3	28	138	53	14.70	0.38			
154	PRANAV	12	M	7	P	42	PHS	F	35	PHS	UE	C	P	2	5	UH	3	1	I	10.00	7.00	CLASS 3	32	144	53	15.43	0.37			
155	MOHAMMED SHEFAAN	12	M	8	P	46	PHS	F	34	MS	UE	C	P	2	5	UH	2.3	1	O	10.00	6.00	CLASS 3	34	150	53	15.11	0.35			
156	SHIVAA	12	M	8	P	40	D	P	35	PHS	SP	E	P	2	5	UH	1	1	I	9.00	6.00	CLASS 2	35	150	57	15.56	0.38			
157	MOHAMMED IYAS	13	M	8	P	35	HPHS	S	32	HS	UE	G	P	1	4	UH	3	3	O	8.00	6.00	CLASS 2	35	155	59	14.57	0.38			
158	KRISHNA GEETHAN	12	M	8	P	39	PHS	S	35	PHS	UE	D	P	1	4	UH	2	1	I	10.00	6.00	CLASS 3	31	148	51	14.15	0.34			
159	UMAR FARUK	14	M	8	P	43	MS	F	39	MS	UE	D	P	1	4	UH	1	0	O	10.00	7.30	CLASS 3	34	142	58	16.86	0.41			
160	MAHALAKSHMI	13	F	8	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	42	155	65	17.48	0.42			
161	UMA MAHESWARI	13	F	8	G	40	MS	F	35	PS	UE	C	P	1	4	UH	3	2	I	11.00	7.00	CLASS 3	30	151	77	13.16	0.51		OBESE	OBESE
162	PAVITHRA	13	F	8	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	39	157	62	15.82	0.39			
163	KRITHIKA	13	F	8	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	35.5	151	58	15.57	0.38			
164	NIVETHA	13	F	8	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	34	152	61	14.72	0.40			
165	DEVI PRIYA	13	F	8	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	49	148	72	22.37	0.49			
166	POORNIMA	13	F	8	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	36	143	64	17.60	0.45			

167	SUIKSHA	13	F	8	G	36	MS	US	35	MS	US	B	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	33	150	56	14.67	0.37			
168	PAKSHANA	13	F	8	G	36	MS	US	35	MS	US	C	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	48	151	70	21.05	0.46			
169	SAI SHREE	13	F	8	G	42	IL	US	35	IL	US	B	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	34	153	61	14.52	0.40			
170	SWETHA	13	F	8	G	34	MS	S	33	PHS	UE	C	P	1	4	UH	2	1	O	8.30	6.00	CLASS 3	31	142	66	15.37	0.46			
171	VARSHA	13	F	8	G	40	MS	S	38	MS	UE	B	P	2	5	UH	2	1	O	9.30	6.00	CLASS 3	33	148	57	15.07	0.39			
172	KARTHIKA LAKSHMI	13	F	8	G	40	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	30	139	60	15.53	0.43			
173	SHOBIKA	13	F	8	G	40	HS	US	35	MS	US	B	P	0	3	UH	1.3	3	O	8.00	6.00	CLASS 4	34	161	61	13.12	0.38			
174	GOWTHAMI	13	F	8	G	40	HS	S	38	MS	US	C	P	0	3	UH	6	1	O	9.30	5.30	CLASS 3	51	150	84	22.67	0.56		OBESE	OBESE
175	DIVYA LAKSHMI	13	F	8	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	2	2	I	9.00	6.00	CLASS 4	41	157	64	16.63	0.41			
176	NANDHINI	13	F	8	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	47	157	67	19.07	0.43			
177	YAMUNA	13	F	8	G	38	HS	S	35	HS	UE	C	P	1	4	UH	2	2	I	10.00	6.30	CLASS 3	49	150	81	21.78	0.54		OBESE	OBESE
178	MINI	13	F	8	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	28	147	57	12.96	0.39			
179	MADHIVADHINI	14	F	9	G	42	PHS	S	40	HS	UE	D	P	0	5	UH	3	3	I	9.45	7.00	CLASS 3	61	163	81	22.96	0.50		OBESE	OBESE
180	SHAMINI	14	F	9	G	48	PHS	F	45	PS	UE	C	P	1	4	UH	2	1	I	10.00	7.00	CLASS 3	55	160	77	21.48	0.48		OBESE	
181	RAJESWARI	14	F	9	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	2	3	I	9.00	6.00	CLASS 4	43	152	55	18.61	0.36			
182	SAGAYA JENITTA	14	F	9	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	38	148	30	17.35	0.20			
183	MYTHILI	14	F	9	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	53	161	71	20.45	0.44			
184	LAKSHANA	14	F	9	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	1.3	2	I	9.00	6.00	CLASS 4	49	154	67	20.66	0.44			
185	ANISHA FATHIMA	14	F	9	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	46	160	62	17.97	0.39			
186	YUVASRI	14	F	9	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	40	159	58	15.82	0.36			
187	PRIYANGA	14	F	9	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	87	167	97	31.20	0.58	OBESE	OBESE	OBESE
188	SOWNDARYA	14	F	9	G	45	MS	US	40	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	51	152	76	22.07	0.50		OBESE	OBESE
189	HARSHA	14	F	9	G	40	HS	S	35	HS	UE	C	P	1	4	UH	2	3	I	10.00	6.00	CLASS 3	48	156	72	19.72	0.46			
190	KRISHNAKUMARI	14	F	9	G	46	HS	SP	39	HS	UE	E	P	1	4	H	4	1	I	8.00	7.00	CLASS 2	43	156	68	17.67	0.44			
191	SATHYA	15	F	9	G	39	D	F	35	D	UE	G	P	1	4	H	2	1	I	8.00	6.00	CLASS 2	55	153	80	23.50	0.52		OBESE	OBESE
192	ABINAYA	14	F	9	G	40	D	F	36	D	UE	B	P	2	5	UH	2	2	I	9.00	6.00	CLASS 3	37	135	77	20.30	0.57		OBESE	OBESE
193	VAISHNAVI	14	F	9	G	42	PHS	S	36	PHS	UE	F	P	1	4	UH	1	1	O	9.00	6.00	CLASS 2	53	159	75	20.96	0.47			
194	RAMYA	14	F	9	G	40	D	P	35	D	UE	F	P	1	4	H	3	1	I	9.00	6.00	CLASS 1	61	162	93	23.24	0.57		OBESE	OBESE
195	VARSHINI	14	F	9	G	54	HS	S	44	HS	UE	C	P	0	3	H	3	1	I	8.00	6.30	CLASS 3	61	162	93	23.24	0.57		OBESE	OBESE
196	JOTHIKA	14	F	9	G	54	PHS	F	44	HS	F	E	P	1	4	H	4	2	I	9.00	6.30	CLASS 3	61	162	93	23.24	0.57		OBESE	OBESE
197	PANDIN REENA	14	F	9	G	42	D	P	39	D	UE	F	P	1	4	UH	2	1	I	11.00	7.00	CLASS 1	53	159	80	20.96	0.50		OBESE	OBESE
198	KAVIARASHE	14	F	9	G	-	-	-	41	HS	S	B	P	0	3	UH	3	2	I	9.00	5.00	CLASS 4	53	159	82	20.96	0.52		OBESE	OBESE
199	SNEGA	13	F	9	G	45	D	F	40	HS	UE	D	P	1	5	UH	1	1	O	12.00	8.00	CLASS 3	56	159	72	22.15	0.45			
200	GAYATHRI	13	F	9	G	50	I	US	42	PHS	UE	B	P	1	4	UH	3	1	I	9.00	7.00	CLASS 4	47	148	78	21.46	0.53		OBESE	OBESE

201	MUFEENA	15	F	9	G	48	D	S	39	D	S	F	P	0	3	H	5	2	I	10.00	6.00	CLASS 2	55	153	80	23.50	0.52		OBESE	OBESE
202	NANDHINI	14	F	9	G	45	D	P	40	D	UE	G	P	1	4	UH	2	1	I	10.00	6.00	CLASS 1	40	148	70	18.26	0.47			
203	SINDUZA	14	F	9	G	40	HS	US	35	HS	US	B	P	1	4	UH	3	1	I	11.00	7.00	CLASS 4	55	140	78	28.06	0.56	OBESE	OBESE	OBESE
204	SNEHA	13	F	9	G	-	-	-	29	PHS	S	B	P	1	4	H	4	2	I	9.00	6.00	CLASS 3	52	151	82	22.81	0.54		OBESE	OBESE
205	NANDHINI	14	F	9	G	43	D	P	38	PS	UE	G	P	1	4	UH	4	1	I	11.00	7.00	CLASS 1	54	140	78	27.55	0.56	OBESE	OBESE	OBESE
206	AARSHIYA	15	F	9	G	40	D	P	33	PHS	UE	F	P	1	4	H	2	1	I	9.00	6.00	CLASS 1	56	165	75	20.57	0.45			
207	DURGA NANDHINI	15	F	9	G	42	MS	S	36	PHS	UE	B	P	0	3	H	2	2	I	10.00	6.00	CLASS 3	56	165	76	20.57	0.46			
208	KOWSALYA	13	F	9	G	39	PHS	F	33	PS	UE	F	P	1	5	UH	3	1	I	10.00	7.30	CLASS 2	47	148	78	21.46	0.53		OBESE	OBESE
209	DHARANI	14	F	9	G	46	D	P	40	D	UE	G	P	1	4	UH	2	1	I	9.00	5.30	CLASS 1	50	142	79	24.80	0.56		OBESE	OBESE
210	SWETHA	14	F	9	G	42	PHS	S	39	PHS	UE	D	GP	1	4	UH	4	2	O	10.00	7.30	CLASS 3	60	145	83	28.54	0.57	OBESE	OBESE	OBESE
211	SWETHA	13	F	9	G	45	D	F	32	PS	UE	C	P	1	4	UH	3	1	I	10.00	6.30	CLASS 3	56	159	83	22.15	0.52		OBESE	OBESE
212	NALINA	15	F	9	G	37	MS	US	32	I	UE	B	P	1	4	UH	0	0	O	10.00	5.30	CLASS 4	40	156	69	16.44	0.44			
213	SHREEMATHI	15	F	9	G	43	PHS	F	35	MS	UE	D	P	1	4	UH	1.3	1	O	9.00	7.00	CLASS 3	40	156	69	16.44	0.44			
214	MANJU	13	F	9	G	40	D	F	38	D	P	G	P	1	4	UH	3.3	3	I	10.00	7.30	CLASS 1	50	152	74	21.64	0.49			
215	AFRIN ROSHINI	14	F	9	G	45	D	S	36	PHS	UE	D	P	1	4	UH	2	1	I	8.00	6.00	CLASS 3	49	165	75	18.00	0.45			
216	KALISHWARI	13	F	9	G	42	D	P	37	HS	UE	G	P	2	5	UH	4	3	I	9.00	7.30	CLASS 1	50	152	74	21.64	0.49			
217	MANGALESWARI	13	F	9	G	42	HS	F	37	HS	UE	B	G	2	5	H	0	0	I	10.00	5.30	CLASS 1	50	152	74	21.64	0.49			
218	PRIYANGA	14	F	9	G	40	PG	P	35	PG	UE	G	P	2	5	H	2	1	O	10.00	6.00	CLASS 1	49	165	70	18.00	0.42			
219	VAISHNAVI	14	F	9	G	40	D	P	35	PG	P	F	P	1	5	UH	2	2	O	10.00	6.30	CLASS 1	51	165	72	18.73	0.44			
220	VISHNUPRIYA	13	F	9	G	40	HS	S	35	PHS	UE	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 1	47	158	76	18.83	0.48			
221	SHAREENA JASMIN	15	F	9	G	54	D	F	48	HS	UE	G	P	2	5	UH	5	1	O	10.00	6.00	CLASS 2	50	161	80	19.29	0.50		OBESE	
222	ANUSHYA	14	F	9	G	42	PHS	S	32	HS	S	B	P	1	4	UH	3	1	I	10.00	6.30	CLASS 3	51	165	78	18.73	0.47		OBESE	
223	GNANA SOWNDARYA	13	F	9	G	45	PHS	F	40	HS	F	F	P	1	4	UH	2	1	O	9.00	6.30	CLASS 2	44	155	74	18.31	0.48			
224	LANSHYA THERASA	13	F	9	G	45	D	P	40	PHS	UE	G	G	1	4	H	3	2	I	9.00	6.00	CLASS 1	44	155	74	18.31	0.48			
225	SUBIKSHA	13	F	9	G	43	PHS	S	40	MS	UE	C	P	1	4	UH	3	1	O	9.00	6.30	CLASS 3	47	158	72	18.83	0.46			
226	SUSHMITHA	15	F	9	G	50	PG	F	43	D	UE	F	P	2	6	H	2	1	O	9.00	6.30	CLASS 2	50	161	76	19.29	0.47			
227	SHEVANTHIGA	13	F	9	G	43	D	F	32	PHS	UE	B	P	1	4	UH	3	1	O	9.00	6.00	CLASS 3	44	155	74	18.31	0.48			
228	HEMAPRIYA	14	F	9	G	40	PG	P	39	PHS	UE	G	P	1	4	UH	2	1	O	9.00	6.00	CLASS 1	43	153	74	18.37	0.48			
229	CHANDRI	13	F	9	G	42	D	P	36	D	UE	F	P	1	4	H	4	1	I	9.00	6.30	CLASS 1	40	159	69	15.82	0.43			
230	MOHANA	14	F	9	G	46	PG	P	40	PHS	UE	F	P	1	4	H	3	1	O	10.00	7.00	CLASS 1	37	155	71	15.40	0.46			
231	SUMITHRA	14	F	9	G	49	D	P	42	PHS	UE	G	P	1	4	UH	2	2	I	9.00	7.00	CLASS 1	49	164	77	18.22	0.47		OBESE	
232	YUHASINI	13	F	9	G	42	HS	S	36	HS	UE	C	P	1	7	UH	2	1	I	10.00	5.30	CLASS 1	40	159	69	15.82	0.43			
233	CHARULATHA	14	F	9	G	49	D	S	42	D	UE	G	GP	1	6	H	2	0	I	10.00	7.30	CLASS 4	49	164	77	18.22	0.47		OBESE	
234	PRAMIKA	14	F	9	G	40	D	P	35	D	UE	G	P	1	5	UH	2	1	O	10.00	7.00	CLASS 1	42	157	72	17.04	0.46			

235	SRI RANJANI	14	F	9	G	60	PHS	SP	49	HS	UE	B	P	2	5	UH	2	1	I	10.00	7.00	CLASS 3	43	153	74	18.37	0.48			
236	PAVITHRA	14	F	9	G	57	PHS	F	56	PHS	UE	C	P	1	6	UH	2	1	O	9.00	6.30	CLASS 3	41	161	76	15.82	0.47			
237	VINITHA	14	F	9	G	49	PHS	S	42	PHS	UE	C	P	1	4	H	2	2	O	11.00	7.00	CLASS 3	49	164	77	18.22	0.47		OBESE	
238	SWETHA	14	F	9	G	45	HS	F	32	HS	UE	B	P	1	4	UH	2	2	O	10.00	6.00	CLASS 3	43	152	74	18.61	0.49			
239	SANDHYA PRIYA	14	F	9	G	45	D	P	32	D	UE	G	P	0	3	H	4	2	O	10.00	7.30	CLASS 1	43	152	74	18.61	0.49			
240	HEMALATHA	14	F	9	G	40	PS	US	35	MS	F	C	P	0	3	UH	2	1	I	12.00	6.30	CLASS 3	42	157	72	17.04	0.46			
241	BEULAH	14	F	9	G	46	D	P	45	D	UE	E	P	1	4	H	2	1	I	10.00	6.30	CLASS 2	37	155	71	15.40	0.46			
242	JEEVITHA	14	F	9	G	60	D	F	49	D	UE	G	P	0	3	H	4	3	O	8.00	6.00	CLASS 2	43	153	74	18.37	0.48			
243	NEERAJA	14	F	9	G	46	PHS	F	45	HS	F	D	P	1	4	UH	2	1	O	8.00	6.00	CLASS 3	37	155	71	15.40	0.46			
244	AKSHAYA	14	F	9	G	54	PHS	F	48	PHS	UE	G	P	2	5	UH	4	2	I	12.00	7.30	CLASS 2	45	145	65	21.40	0.45			
245	HARINI	14	F	9	G	37	HS	S	36	HS	S	C	P	1	4	UH	2	2	I	10.00	7.00	CLASS 3	33	152	61	14.28	0.40			
246	BHUVANESHWARI	13	F	9	G	45	PG	SP	40	PHS	UE	C	P	0	4	UH	2	2	I	10.00	6.30	CLASS 2	36	160	66	14.06	0.41			
247	MRIDULA	14	F	9	G	46	D	SP	39	D	UE	D	P	1	4	H	2	1	O	10.00	6.30	CLASS 3	39	156	67	16.03	0.43			
248	SANDHYA	14	F	9	G	46	D	F	39	PG	P	G	P	1	4	H	2	2	I	10.00	7.30	CLASS 1	39	156	67	16.03	0.43			
249	SIVARANJANI	14	F	9	G	46	D	SP	41	D	SP	G	P	1	4	H	2	1	O	10.00	6.30	CLASS 4	41	157	68	16.63	0.43			
250	ABINAYA	14	F	9	G	41	HS	S	36	MS	UE	B	P	1	4	UH	2	0	I	10.00	5.30	CLASS 4	41	157	68	16.63	0.43			
251	DEEPALAKSHMI	14	F	9	G	57	D	SP	56	D	UE	F	P	1	6	H	2	1	I	9.00	7.30	CLASS 2	41	161	66	15.82	0.41			
252	CHITRA	14	F	9	G	42	D	S	39	D	S	G	P	1	4	UH	3	2	O	10.00	6.30	CLASS 2	44	153	70	18.80	0.46			
253	SANGEETHA	14	F	9	G	42	P	P	39	P	P	G	P	1	4	H	3	2	O	9.00	6.00	CLASS 1	44	153	70	18.80	0.46			
254	CHANDRIKA	15	F	9	G	46	HS	F	43	D	P	G	P	1	4	H	3	2	I	8.00	7.30	CLASS 2	30	150	68	13.33	0.45			
255	KOWSALYA	14	F	9	G	45	PHS	SP	38	PHS	UE	D	P	1	4	H	1.3	1	I	9.00	6.30	CLASS 3	38	155	66	15.82	0.43			
256	ASIFA	14	F	9	G	45	HS	F	38	HS	UE	D	P	1	4	H	1.3	1	I	9.00	6.30	CLASS 3	36	150	67	16.00	0.45			
257	SWETHA	14	F	9	G	49	HS	S	45	HS	UE	D	P	2	5	UH	1.3	1	I	7.30	5.30	CLASS 3	40	158	70	16.02	0.44			
258	SATHYA	14	F	9	G	46	HS	F	36	HS	UE	C	P	1	4	UH	2	1	I	9.00	6.30	CLASS 3	35	152	69	15.15	0.45			
259	SUVALAKSHMI	13	F	9	G	43	MS	S	32	PS	UE	C	P	2	5	UH	3	2	I	10.00	6.00	CLASS 4	34	155	66	14.15	0.43			
260	VIJAYALAKSHMI	15	F	9	G	46	HS	S	43	PS	UE	F	P	1	4	H	3	2	I	10.00	6.00	CLASS	30	150	68	13.33	0.45			
261	RAMYA DEVI	14	F	9	G	42	D	F	39	PHS	UE	D	P	2	5	H	1.3	1	I	9.00	7.30	CLASS 3	44	153	70	18.80	0.46			
262	FATHIMA ZAHARA	14	F	9	G	49	HS	S	45	HS	UE	B	P	4	7	UH	1.3	2	I	10.00	6.00	CLASS 2	40	158	70	16.02	0.44			
263	SHARMILA	14	F	9	G	45	D	F	33	HS	UE	F	P	1	4	UH	3	1	I	10.00	6.00	CLASS 2	41	155	68	17.07	0.44			
264	ANU	14	F	9	G	46	PHS	S	36	HS	UE	C	P	2	5	UH	2	2	O	10.00	6.00	CLASS 3	35	152	69	15.15	0.45			
265	NAYANISHA	14	F	9	G	36	HS	S	34	HS	S	G	P	1	4	UH	1.3	2	O	10.00	5.30	CLASS 2	37	145	66	17.60	0.46			
266	PRIYADHARSHINI	13	F	9	G	38	PHS	S	35	PHS	UE	D	P	1	4	H	1.3	1	O	9.00	6.30	CLASS 3	41	155	60	17.07	0.39			
267	HARIPRIYA	14	F	9	G	45	PS	-	35	MS	UE	B	P	1	3	UH	2	2	I	10.00	5.30	CLASS 4	41	155	68	17.07	0.44			
268	VAISHNAVI	14	F	9	G	42	MPS	S	38	HS	UE	C	P	1	4	UH	1.3	1	O	9.00	7.30	CLASS 3	38	155	66	15.82	0.43			

269	PRABHAVATHI	14	F	9	G	49	PHS	S	40	PS	UE	C	P	1	4	UH	2	3	I	10.00	5.30	CLASS 3	36	150	67	16.00	0.45			
270	JANANI	14	F	9	G	49	HS	S	40	PHS	UE	C	P	1	4	UH	1.3	2	I	10.00	7.30	CLASS 3	39	150	67	17.33	0.45			
271	SALEENA	14	F	9	G	49	PG	P	40	D	P	G	P	1	4	UH	1.3	1	O	9.00	6.00	CLASS 1	39	150	67	17.33	0.45			
272	SUBASHINI	13	F	9	G	45	HS	F	40	PS	UE	G	P	1	4	UH	1.3	1	O	10.00	5.30	CLASS 2	36	160	66	14.06	0.41			
273	CHANDRAKIRUPHA	14	F	9	G	45	PG	P	34	D	P	G	P	0	3	H	1.3	1	I	10.00	5.30	CLASS 1	45	148	68	20.54	0.46			
274	SHANMUGAPRIYA	15	F	9	G	46	PHS	F	39	PHS	UE	D	P	1	4	UH	0	0	I	9.00	7.00	CLASS 3	43	156	68	17.67	0.44			
275	MOWNIKAPRIYA	15	F	9	G	46	D	P	43	HS	UE	G	P	1	5	UH	3	2	O	8.00	6.30	CLASS 1	30	150	68	13.33	0.45			
276	ISHWARYA	14	F	9	G	57	PG	P	56	D	P	G	P	1	4	UH	3	2	O	9.00	6.30	CLASS 1	41	161	66	15.82	0.41			
277	BAVADHARANI	13	F	9	G	43	PG	P	32	D	UE	G	P	2	5	H	4	3	I	10.00	7.30	CLASS 1	34	155	56	14.15	0.36			
278	MOHANADEEPIKA	14	F	9	G	37	PHS	S	36	PHS	UE	F	P	0	3	UH	4	2	O	9.00	7.30	CLASS 2	33	152	61	14.28	0.40			
279	NAGADEVI	13	F	9	G	43	D	P	32	D	P	G	P	1	6	H	4	2	O	10.00	6.00	CLASS 1	34	155	66	14.15	0.43			
280	KAVIPRIYA	14	F	9	G	45	HS	US	34	MS	UE	D	P	1	4	UH	1.3	1	O	8.00	6.30	CLASS 4	45	148	68	20.54	0.46			
281	SATHYAVANI	13	F	9	G	38	PG	P	35	D	P	G	P	1	4	UH	3	1	O	1.00	6.30	CLASS 1	41	155	60	17.07	0.39			
282	KEERTHANA	14	F	9	G	40	PHS	S	35	HS	UE	E	P	2	5	UH	4	1	O	10.00	6.00	CLASS 3	48	156	76	19.72	0.49			
283	MUTHUMEENAKSHI	14	F	9	G	40	PHS	F	35	HS	UE	D	P	1	4	H	1.3	1	I	10.00	5.30	CLASS 3	48	156	74	19.72	0.47			
284	MYTHILI	14	F	9	G	39	PG	P	35	PG	UE	G	P	1	4	H	1.3	1	O	9.00	6.30	CLASS 1	51	160	70	19.92	0.44			
285	SNEGA	14	F	9	G	44	MS	US	38	HS	UE	C	P	1	4	UH	3	1	i	9.00	7.00	CLASS 4	52	150	80	23.11	0.53		OBESE	OBESE
286	ELAKKIYA	15	F	11	P	43	HS	F	40	D	UE	D	P	1	4	UH	6	4	I	11.00	6.00	CLASS 3	45	164	81	16.73	0.49		OBESE	
287	SURYA	15	F	11	P	48	HS	F	38	D	UE	G	P	1	4	UH	5	4	I	9.00	6.00	CLASS 2	49	170	81	16.96	0.48		OBESE	
288	KANIMOZHI	15	F	11	P	43	D	F	38	D	UE	G	P	2	5	UH	2	0	O	9.30	4.30	CLASS 2	39	153	51	16.66	0.33			
289	ADHITHI	15	F	11	P	48	P	P	38	D	UE	G	P	0	3	UH	3	0	I	8.00	5.00	CLASS 1	42	156	62	17.26	0.40			
290	RAKSHANA SIVAKUMAR	15	F	11	P	45	P	P	37	P	P	G	P	1	4	UH	1.3	0	I	7.00	5.00	CLASS 1	48	155	68	19.98	0.44			
291	LAKSHMI PRATHIBA	15	F	11	P	52	D	F	46	D	P	G	P	0	3	UH	4	4	O	11.00	4.00	CLASS 1	52	150	78	23.11	0.52		OBESE	OBESE
292	VAISHNAVI	15	F	11	P	44	D	P	42	D	P	G	P	0	3	UH	4	3	O	9.00	6.00	CLASS 1	52	165	68	19.10	0.41			
293	RTHARNIMATHI	15	F	11	P	45	P	P	35	D	UE	F	P	1	4	UH	4	0	I	11.00	6.00	CLASS 1	48	155	65	19.98	0.42			
294	ASHIFANA	15	F	11	P	41	HS	F	36	HS	UE	E	P	1	4	UH	3	0	I	10.00	5.30	CLASS 2	50	177	67	15.96	0.38			
295	VISHNU PRIYA	16	F	11	P	42	HS	F	40	HS	UE	F	P	0	5	UH	3	1	O	10.00	6.00	CLASS 2	43	162	79	16.38	0.49			
296	SOWMIYA	15	F	11	P	42	D	F	32	PHS	UE	F	P	1	4	UH	3	1	I	10.30	6.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE
297	KARUNYAVARSHINI	16	F	11	P	46	HS	F	36	HS	UE	G	P	1	4	UH	6	0	O	11.00	5.30	CLASS 2	58	163	78	21.83	0.48			
298	SOWMIYA	15	F	11	P	45	MS	F	40	HS	UE	E	P	1	5	H	3	1	O	10.30	6.00	CLASS 3	55	162	76	20.96	0.47			
299	PAVITHRA	15	F	11	P	40	HS	F	33	HS	UE	G	P	1	4	UH	6	3	I	11.30	4.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE
300	DHANUJA	15	F	11	P	47	PHS	F	37	PHS	UE	G	P	1	4	UH	5	3	I	11.30	6.05	CLASS 2	56	152	82	24.24	0.54		OBESE	OBESE
301	RUBIKA	15	F	11	P	45	PHS	F	35	PHS	UE	G	P	1	4	UH	5	3	O	11.30	6.00	CLASS 2	50	154	68	21.08	0.44			
302	DHARSHINI	15	F	11	P	42	HS	F	38	D	UE	G	P	0	3	UH	6	3	O	11.00	5.30	CLASS 2	56	160	70	21.88	0.44			

303	AKSHAYA BALA VENKATESH	15	F	11	P	41	P	F	39	PHS	UE	F	P	1	4	UH	5	0	I	10.30	5.00	CLASS 2	39	150	70	17.33	0.47				
304	MONISHA	15	F	11	P	48	P	F	42	HS	UE	D	P	1	4	UH	6	3	I	10.00	6.30	CLASS 2	50	152	71	21.64	0.47				
305	PLESSY MATHEW	15	F	11	P	44	D	P	42	D	UE	G	P	1	4	UH	3	1	O	11.30	6.00	CLASS 1	50	157	69	20.28	0.44				
306	ELAKKIYA	15	F	11	P	47	D	F	43	D	UE	F	P	1	5	H	3	1	I	11.00	7.00	CLASS 2	54	162	68	20.58	0.42				
307	SHOBANA	15	F	11	P	41	HS	F	38	HS	UE	G	P	1	4	UH	2	1	O	11.30	5.30	CLASS 3	50	163	66	18.82	0.40				
308	SRINITHI	15	F	11	P	39	HS	F	36	PHS	UE	H	P	0	3	H	1	0	O	9.30	5.00	CLASS 2	38	148	65	17.35	0.44				
309	SOWMIYA	15	F	11	P	38	HS	F	35	PHS	F	G	P	0	3	UH	4	1	I	11.00	4.30	CLASS 2	60	165	78	22.04	0.47		OBESE		
310	SHRUTHI	15	F	11	P	39	HS	F	36	PHS	UE	F	GP	1	4	UH	4	0	I	11.00	5.30	CLASS 2	38	158	63	15.22	0.40				
311	SARUMATHI	15	F	11	P	45	PHS	F	40	HS	UE	E	P	2	5	UH	3	2	O	10.00	6.00	CLASS 2	48	160	66	18.75	0.41				
312	LAVANYA	15	F	11	P	45	HS	F	40	HS	UE	G	P	2	5	UH	5	0	I	10.00	6.00	CLASS 2	45	156	65	18.49	0.42				
313	DEVADHARSHINI	15	F	11	P	45	PHS	F	38	PHS	UE	G	P	1	4	H	3	1	O	11.00	4.00	CLASS 2	40	150	65	17.78	0.43				
314	KEERTHANA	15	F	11	P	40	PHS	F	37	PHS	UE	G	P	1	5	H	1	0	O	11.00	5.00	CLASS 2	45	165	64	16.53	0.39				
315	PRIYADARSHINI	15	F	11	P	47	HS	F	45	HS	UE	F	P	1	4	UH	3	0	I	10.45	7.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE	
316	SOWBARNIYA	15	F	11	P	40	HS	F	35	D	SP	E	P	1	4	H	0	0	O	10.30	5.00	CLASS 2	48	165	65	17.63	0.39				
317	ANUSHIYA	15	F	11	P	48	HS	F	38	HS	UE	F	P	2	5	UH	0	0	I	10.00	4.00	CLASS 2	50	154	76	21.08	0.49				
318	NITHILA SARMUKI	15	F	11	P	47	HS	F	44	D	UE	G	P	1	4	UH	3	1	O	10.30	5.30	CLASS 2	50	158	67	20.03	0.42				
319	SADHANA	15	F	11	P	46	D	F	41	D	UE	G	P	1	6	UH	4	0	I	10.30	6.30	CLASS 2	54	159	92	21.36	0.58		OBESE	OBESE	
320	NANDHINI	15	F	11	P	55	PHS	F	53	HS	UE	G	P	0	3	UH	6	0	O	10.30	9.00	CLASS 2	58	165	92	21.30	0.56				
321	HARIDARSINI	15	F	11	P	45	HS	F	43	D	UE	E	P	0	3	H	0	0	O	10.30	5.00	CLASS 2	53	163	71	19.95	0.44				
322	BANU SREE	15	F	11	P	42	PHS	F	38	PHS	UE	E	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	56	165	79	20.57	0.48				
323	VINESHMA GRACY	15	F	11	P	41	D	F	35	D	UE	F	P	1	4	UH	0	0	I	10.30	4.00	CLASS 2	56	172	81	18.93	0.47				
324	NITHARSANA	15	F	11	P	54	HS	F	43	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	48	163	64	18.07	0.39				
325	KEERTHANA	15	F	11	P	38	D	F	37	PHS	UE	G	P	0	3	UH	G	2	O	9.30	8.00	CLASS 2	48	158	70	19.23	0.44				
326	VAISHNAVI	15	F	11	P	38	PHS	F	32	PHS	F	G	P	1	4	H	4	0	O	11.00	4.00	CLASS 2	45	160	66	17.58	0.41				
327	IDANYA	15	F	11	P	50	PHS	F	37	D	UE	E	P	1	4	UH	2	1	I	11.30	4.30	CLASS 2	51	148	76	23.28	0.51			OBESE	
328	RAGAVI	15	F	11	P	40	D	P	38	PHS	UE	G	P	1	4	UH	4	2	O/I	11.00	4.30	CLASS 1	36	152	63	15.58	0.41				
329	VAVUNIYA	15	F	11	P	51	PHS	F	38	I	UE	E	P	1	4	H	2	1	I	11.00	4.30	CLASS 3	46	152	65	19.91	0.43				
330	SOUNDARYA	15	F	11	P	49	D	P	38	D	UE	E	P	1	4	UH	3	3	I	11.30	6.00	CLASS 2	55	152	80	23.81	0.53		OBESE	OBESE	
331	INDHUMATHI	15	F	11	P	46	D	F	39	PHS	UE	E	P	2	5	H	1	1	O	9.00	6.30	CLASS 2	40	154	64	16.87	0.42				
332	KAVIMALAR	15	F	11	P	46	D	S	40	D	P	E	P	0	4	H	1	1	O	11.00	6.00	CLASS 2	43	160	64	16.80	0.40				
333	HARINI	13	F	8	P	42	D	F	40	D	S	G	P	1	4	H	0	0	I	10.00	4.30	CLASS 2	30	115	75	22.68	0.65		OBESE	OBESE	
334	HARSHINI	13	F	8	P	42	D	F	40	D	S	G	P	1	4	H	0	0	I	10.00	4.30	CLASS 2	35	125	73	22.40	0.58			OBESE	
335	SATHYAPRABHA	13	F	8	P	43	PHS	-	32	PHS	F	G	P	1	3	UH	3	1	I	11.00	7.30	CLASS 3	49	135	76	26.89	0.56		OBESE	OBESE	
336	KEERTHI	13	F	8	P	42	P	F	32	HS	F	F	P	1	4	UH	3	3	I	11.00	7.00	CLASS 2	40	120	75	27.78	0.63	OBESE	OBESE	OBESE	

337	JANANI	13	F	8	P	42	D	S	33	PHS	UE	F	P	1	6	UH	3	3	I	10.00	7.00	CLASS 2	45	128	76	27.47	0.59	OBESE	OBESE	OBESE
338	SAKTHI PRIYA	13	F	8	P	40	PHS	F	36	PHS	F	G	P	0	3	UH	1	1	I	9.30	5.00	CLASS 2	36	126	68	22.68	0.54			OBESE
339	NIKILA VICTOR	13	F	8	P	42	D	P	41	D	P	G	P	1	4	UH	0	0	I	9.30	5.30	CLASS 2	35	126	62	22.05	0.49			
340	MADUMITHA	13	F	8	P	42	PHS	F	36	PHS	UE	F	P	1	4	UH	3	3	I	10.00	6.00	CLASS 2	40	127	75	24.80	0.59		OBESE	OBESE
341	KAVYA	12	F	8	P	41	HS	F	40	MS	UE	G	P	1	4	H	0	0	O	9.45	4.30	CLASS 2	31	130	63	18.34	0.48			
342	RITHIKA	13	F	8	P	43	D	F	31	HS	F	G	P	1	6	H	0	0	I	10.00	5.00	CLASS 1	35	120	75	24.31	0.63	OBESE	OBESE	OBESE
343	SWEDHA	13	F	8	P	44	D	F	40	D	P	G	P	1	4	H	2	2	O	9.00	6.30	CLASS 1	31	120	60	21.53	0.50			OBESE
344	GAYATHRI	13	F	8	P	40	D	F	38	PHS	UE	F	P	2	5	UH	3	5	I	9.30	6.30	CLASS 2	40	135	76	21.95	0.56		OBESE	
345	DHIKSHANA	13	F	8	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	10.00	4.30	CLASS 2	35	125	59	22.40	0.47			
346	SATHYAJOTHI	13	F	8	P	39	D	S	37	D	SP	F	P	0	3	UH	1	1	I	9.30	5.00	CLASS 2	35	126	60	22.05	0.48			
347	SUNITHA	13	F	8	P	45	P	P	35	PHS	P	G	P	1	4	H	2	2	I	9.00	6.00	CLASS 1	38	128	74	23.19	0.58		OBESE	OBESE
348	KAVYA	14	F	8	P	45	HS	F	36	MS	UE	D	P	1	6	H	0	0	O	10.00	4.30	CLASS 3	41	135	60	22.50	0.44			
349	GOWSHIK SHREE	14	F	8	P	39	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 2	38	141	65	19.11	0.46			
350	KOWSALYA	14	F	8	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	39	145	64	18.55	0.44			
351	KAAVYA	12	F	8	P	42	HS	F	32	D	UE	F	P	1	4	UH	0	0	O	10.00	4.30	CLASS 2	32	120	59	22.22	0.49			
352	KIRUTHIKA	13	F	8	P	42	HS	F	31	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 2	36	127	62	22.32	0.49			
353	PRATHIKSHA	13	F	8	P	44	D	P	39	D	P	F	P	1	6	UH	2	1	I	10.00	6.00	CLASS 2	49	145	76	23.31	0.52		OBESE	
354	LAKSHITHA SHREE	13	F	8	P	40	PG	F	37	PG	UE	F	P	1	6	UH	3	1	I	9.30	5.30	CLASS 2	43	130	75	25.44	0.58		OBESE	OBESE
355	AHALYA	13	F	8	P	43	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 1	35	126	62	22.05	0.49			
356	SANGEETHA	14	F	9	P	48	HS	F	45	PHS	UE	D	P	1	4	H	3	1	O	10.00	4.45	CLASS 2	40	133	62	22.61	0.47			
357	VARSHINI	14	F	9	P	40	PG	P	32	PG	P	G	P	1	4	UH	2	1	O	10.00	5.45	CLASS 1	42	135	65	23.05	0.48			
358	PRIYANKA	13	F	9	P	46	D	F	42	D	F	F	P	1	6	UH	4	3	I	10.00	6.30	CLASS 2	74	159	80	29.27	0.50	OBESE	OBESE	OBESE
359	HEERA	13	F	9	P	42	D	F	30	PHS	UE	G	P	2	5	H	3	2	I	11.00	7.00	CLASS 2	50	130	76	29.59	0.58	OBESE	OBESE	OBESE
360	NANDHANA	14	F	9	P	43	D	F	37	PG	F	G	P	1	4	UH	4	3	I	10.15	6.00	CLASS 2	60	134	78	33.42	0.58	OBESE	OBESE	OBESE
361	KAVI BHARATHI	14	F	9	P	42	PHS	F	42	PHS	F	E	P	1	4	UH	2	3	I	10.15	6.30	CLASS 2	67	128	80	40.89	0.63	OBESE	OBESE	OBESE
362	ABHI VARSHINI	13	F	9	P	40	MS	S	32	MS	UE	F	P	1	4	UH	1	1	O	9.45	5.00	CLASS 3	35	135	65	19.20	0.48			
363	SANJANA SRI	14	F	9	P	42	D	P	39	D	P	G	P	0	5	H	0.45	1	O	9.30	6.30	CLASS 1	36	128	62	21.97	0.48			
364	NANDHITHA	14	F	9	P	43	D	F	40	D	UE	E	P	0	3	H	1	1	O	10.15	4.00	CLASS 2	40	125	74	25.60	0.59			
365	SATHURTHANA	13	F	9	P	43	MS	F	40	HS	UE	E	P	0	3	H	2	1	I	10.15	4.00	CLASS 2	42	125	75	26.88	0.60		OBESE	OBESE
366	SAMYUKTHA	14	F	9	P	42	PG	P	39	D	UE	G	P	1	4	UH	1	1	I	9.30	6.30	CLASS 1	40	138	68	21.00	0.49			
367	GAYATHRI	14	F	9	P	46	PHS	F	43	D	S	G	P	1	5	UH	3	1	O	9.30	5.00	CLASS 2	65	137	78	34.63	0.57	OBESE	OBESE	OBESE
368	AHALYA	14	F	9	P	46	PHS	S	42	HS	UE	F	P	1	4	UH	3	1	O	9.00	6.00	CLASS 2	52	135	79	28.53	0.59	OBESE	OBESE	OBESE
369	MADHUMITHA	13	F	9	P	48	PHS	S	37	PHS	UE	F	P	1	6	H	1	1	O	10.00	5.00	CLASS 2	32	125	59	20.48	0.47			
370	PRIYADARSHINI	12	F	9	P	43	PHS	F	40	PHS	UE	F	P	2	5	UH	4	1	I	10.00	5.00	CLASS 2	34	132	58	19.51	0.44			

371	SARANYA	13	F	9	P	37	D	F	37	D	F	F	P	1	4	H	1	1	O	10.00	4.00	CLASS 2	40	132	56	22.96	0.42			
372	PRATHIKSHA	14	F	9	P	42	D	F	38	PHS	UE	F	P	1	4	UH	3	1	O	10.30	6.00	CLASS 2	39	132	58	22.38	0.44			
373	SHARMILA	14	F	9	P	46	HS	S	36	D	UE	C	P	1	4	H	1	1	O	10.30	5.30	CLASS 4	40	132	58	22.96	0.44			
374	PRIYADHARSHINI	14	F	9	P	49	D	F	46	HS	S	D	P	1	4	UH	4	2	I	10.00	6.00	CLASS 3	47	126	77	29.60	0.61	OBESE	OBESE	OBESE
375	ISWARYA	14	F	9	P	46	PG	P	40	D	P	G	P	1	5	UH	4	2	I	10.00	6.30	CLASS 2	49	136	78	26.49	0.57		OBESE	OBESE
376	MADHUMITHA	13	F	9	P	47	HS	P	40	D	PS	G	P	1	4	UH	2	2	O	10.30	6.00	CLASS 2	40	138	64	21.00	0.46			
377	DIVYA	14	F	9	P	46	PHS	F	42	PHS	UE	G	P	1	4	UH	4	2	I	10.30	6.30	CLASS 2	36	130	60	21.30	0.46			
378	NARMATHA	15	F	9	P	45	PG	F	35	HS	S	G	P	0	3	UH	3	3	O	10.00	6.00	CLASS 2	40	132	62	22.96	0.47			
379	ANU SHREE	13	F	9	P	42	HS	F	35	HS	F	G	P	1	4	UH	4	2	I	9.45	5.00	CLASS 2	65	125	82	41.60	0.66	OBESE	OBESE	OBESE
380	VASUNDRA	14	F	9	P	42	PG	P	39	D	UE	G	P	1	4	UH	4	2	I	10.00	7.00	CLASS 2	53	135	79	29.08	0.59	OBESE	OBESE	OBESE
381	VIKASHINI	14	F	9	P	35	D	SP	34	PG	P	G	P	0	4	UH	4	3	I	10.00	6.00	CLASS 1	70	157	75	28.40	0.48	OBESE		
382	VALLIAMMAI	13	F	9	P	42	D	SP	32	PHS	UE	F	P	1	4	UH	2	2	O	10.30	6.00	CLASS 2	35	134	64	19.49	0.48			
383	SUDHARSANA	13	F	9	P	42	D	F	39	PHS	UE	F	P	1	4	UH	4	1	O	10.30	5.00	CLASS 2	36	128	63	21.97	0.49			
384	NIKILA	14	F	9	P	45	HS	S	39	PG	P	F	P	1	4	UH	2	2	O	10.00	4.15	CLASS 2	40	132	62	22.96	0.47			
385	SRE VARSHAN	14	F	9	P	40	D	F	34	D	UE	F	P	2	5	UH	3	2	I	10.15	4.30	CLASS 2	40	131	63	23.31	0.48			
386	ABINAYA	14	F	9	P	40	D	F	35	D	UE	E	P	1	6	UH	3	2	I	10.15	4.30	CLASS 2	36	126	60	22.68	0.48			
387	ABINAYA SHREE	14	F	9	P	41	PG	P	40	PG	P	G	P	1	4	UH	1	1	O	10.00	6.00	CLASS 1	40	130	61	23.67	0.47			
388	VISDHYA SRI	14	F	9	P	41	HS	F	39	HS	F	G	P	1	4	UH	3	1	I	10.00	5.00	CLASS 2	48	130	77	28.40	0.59	OBESE	OBESE	OBESE
389	SARANYA	14	F	9	P	40	HS	F	33	PHS	UE	G	P	2	5	UH	2	1	I	9.45	6.30	CLASS 2	59	128	80	36.01	0.63	OBESE	OBESE	OBESE
390	ISWARYA KAMATCHI	15	F	9	P	42	D	P	37	D	UE	G	P	1	4	UH	2	2	O	10.00	5.00	CLASS 2	42	140	62	21.43	0.44			
391	SUBHASHREE	14	F	10	P	45	D	F	39	D	UE	G	G	1	5	UH	0	0	O	11.00	5.00	CLASS 2	45	156	60	18.49	0.38			
392	KEERTHI SREE	14	F	10	P	44	D	SP	42	D	UE	E	P	1	4	UH	1	1	O	11.00	4.00	CLASS 2	50	152	62	21.64	0.41			
393	SRINILA	15	F	10	P	40	D	SP	38	D	SP	E	P	0	3	H	0	0	I	10.00	4.30	CLASSS 2	60	158	80	24.03	0.51		OBESE	OBESE
394	AASHIKA	14	F	10	P	46	PG	P	45	PG	P	G	P	0	3	H	1.3	1	O	12.00	4.00	CLASS 1	45	153	70	19.22	0.46			
395	SABEETHA	15	F	10	P	42	PHS	F	39	PHS	UE	D	P	1	4	H	2	2	O	10.30	4.00	CLASS 3	68	165	78	24.98	0.47		OBESE	
396	MEGALA	14	F	10	P	45	HS	F	42	HS	F	G	P	1	4	UH	1	0	I	12.00	5.00	CLASS 2	42	123	77	27.76	0.63	OBESE	OBESE	OBESE
397	NAMITHA	15	F	10	P	41	D	F	36	PHS	UE	G	P	1	6	UH	2	0	O	10.00	4.00	CLASS 2	45	155	68	18.73	0.44			
398	ISWARIYA	15	F	10	P	42	PHS	S	39	PHS	UE	F	P	1	4	H	4	2	O	10.30	5.00	CLASS 3	65	150	79	28.89	0.53	OBESE	OBESE	OBESE
399	PRIYADARSHINI	15	F	10	P	48	PHS	F	43	PHS	-	F	P	1	3	H	0	0	O	11.00	5.30	CLASS 3	45	165	60	16.53	0.36			
400	DHANUSHAA	14	F	10	P	59	HS	P	48	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	50	156	61	20.55	0.39			
401	AISWARYA LAKSHMI	14	F	10	P	48	D	P	43	HS	UE	F	P	1	4	UH	2	1	O	12.00	4.30	CLASS 2	50	158	62	20.03	0.39			
402	JAISHREE	15	F	10	P	50	D	F	41	PHS	UE	G	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	62	164	64	23.05	0.39			
403	KRITHIKA	15	F	10	P	50	D	F	40	D	SP	G	P	1	4	UH	0	0	O	11.30	5.00	CLASS 2	45	162	62	17.15	0.38			
404	PRIYADHARSHINI	15	F	10	P	39	PHS	P	36	D	UE	G	P	1	4	H	4	1	O	10.30	4.00	CLASS 2	40	145	60	19.02	0.41			

405	SANDHYA	15	F	10	P	47	PHS	F	39	PHS	F	D	P	0	3	H	4	1	I	11.30	5.00	CLASS 3	89	159	85	35.20	0.53	OBESE	OBESE	OBESE
406	NITHYASHREE	15	F	10	P	49	D	P	43	PG	P	G	P	1	4	UH	1	1	O	10.00	4.00	CLASS 2	35	160	61	13.67	0.38			
407	RITHIKA SHRI	15	F	10	P	40	D	P	35	D	UE	F	P	0	3	UH	2	1	O	11.30	4.30	CLASS 2	40	160	76	15.63	0.48			
408	PAVITHRA	14	F	10	P	43	D	S	36	D	UE	F	P	1	4	H	2	1	O	12.00	4.00	CLASS 3	50	162	62	19.05	0.38			
409	ABIRAMI	14	F	10	P	48	D	P	43	MS	UE	F	P	1	4	H	2	0	O	10.00	5.00	CLASS 2	58	155	80	24.14	0.52		OBESE	OBESE
410	ABIRAMI SRI	14	F	10	P	45	I	F	36	I	UE	D	P	1	4	H	4	1	O	9.00	6.00	CLASS 4	35	150	73	15.56	0.49			
411	PRIYADHARSHINI	14	F	10	P	45	D	P	42	D	P	F	P	1	4	H	5	0	I	10.00	4.00	CLASS 2	60	155	78	24.97	0.50		OBESE	OBESE
412	SUMETHA	13	F	10	P	41	PHS	F	30	HS	UE	F	P	1	4	UH	0	0	O	11.30	4.30	CLASS 3	41	135	66	22.50	0.49			
413	GOKILAVANI	14	F	10	P	48	D	P	43	PHS	UE	F	P	1	4	H	2	0	O	12.00	4.00	CLASS 2	43	143	66	21.03	0.46			
414	AKSHAYA BALA VENKATESH	15	F	10	P	59	D	P	56	HS	UE	F	P	0	3	H	0	0	I	11.30	5.00	CLASS 2	50	150	65	22.22	0.43			
415	AISHWARIYA	14	F	10	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	46	167	60	16.49	0.36			
416	CHRISTINA CATHRINE	15	F	10	P	43	D	F	43	D	SP	G	P	0	3	H	1	1	O	9.00	5.00	CLASS 1	45	164	61	16.73	0.37			
417	KAVINA	14	F	10	P	43	HS	F	36	HS	UE	F	P	1	4	H	2	1	I	9.30	5.00	CLASS 2	40	155	60	16.65	0.39			
418	NIVETHITHA	15	F	10	P	46	HS	F	36	HS	UE	F	P	1	4	UH	2	0	I	8.30	5.00	CLASS 2	52	148	81	23.74	0.55		OBESE	OBESE
419	SUVETHA	14	F	10	P	43	HS	F	43	D	UE	F	P	1	4	UH	1	1	I	10.00	6.00	CLASS 3	40	160	76	15.63	0.48			
420	SNEHA	15	F	10	P	40	D	P	38	D	P	F	P	1	4	H	0	0	O	11.00	4.30	CLASS 2	53	158	72	21.23	0.46			
421	RATHI BARGAVI	15	F	10	P	64	PHS	UE	63	HS	S	D	P	0	3	UH	4	0	O	10.30	4.00	CLASS 3	35	150	73	15.56	0.49			
422	ABAGNA	15	F	10	P	47	D	SP	41	D	P	G	P	1	4	H	1	1	I	10.00	5.00	CLASS 2	38	162	60	14.48	0.37			
423	KAVI PRIYA	15	F	10	P	40	HS	F	38	PHS	UE	F	P	1	4	H	1	0	O	10.45	4.15	CLASS 3	53	158	65	21.23	0.41			
424	JANA PRETHA	15	F	10	P	40	D	P	37	PHS	UE	F	P	1	4	UH	0	0	O	10.30	4.30	CLASS 2	42	155	66	17.48	0.43			
425	VISWAVARDHINI	15	F	10	P	48	PG	P	45	D	UE	G	P	2	5	H	0.3	1	I	10.00	4.45	CLASS 2	40	160	60	15.63	0.38			
426	ANUSRI	13	F	9	G	40	PHS	S	36	HS	US	B	P	1	4	UH	2	0	I	9.00	6.00	CLASS 4	41.6	144	68	20.06	0.47			
427	KANDHAYEE	15	F	9	G	45	MS	US	43	MS	US	B	P	1	4	UH	2	0	O	9.00	7.00	CLASS 4	25.2	140.5	56	12.77	0.40			
428	SANGEETHA	14	F	9	G	38	MS	US	36	MS	US	B	P	1	6	UH	3	3	I	9.00	6.00	CLASS 4	36.5	151	57	16.01	0.38			
429	PRIYADHARSHINI	14	F	9	G	42	MS	S	35	PS	UE	C	P	1	4	UH	5	2	O	9.00	5.00	CLASS 3	46.8	155	64	19.48	0.41			
430	MOHANAPRIYA	15	F	9	G	38	D	F	32	MS	UE	B	P	1	4	H	3	1	I	9.00	6.00	CLASS 3	33.7	148	54	15.39	0.36			
431	GOKILA	13	F	9	G	-	-	-	35	MS	S	C	P	1	5	UH	3	1	I	9.30	6.00	CLASS 3	38.5	145	59	18.31	0.41			
432	NANDHINI	13	F	9	G	39	MS	US	33	HS	US	C	P	1	4	UH	3	1	I	9.00	6.00	CLASS 3	41.7	142	60	20.68	0.42			
433	VEERAMANI	14	F	9	G	42	MS	US	33	MS	US	B	P	1	4	-	3	1	O	9.00	7.00	CLASS 4	34	157	59	13.79	0.38			
434	ARUNA	14	F	9	G	39	PHS	US	30	MS	US	C	P	0	3	UH	5	3	O	9.00	6.00	CLASS 3	49	156	60	20.13	0.38			
435	ARTHIKA	13	F	9	G	48	HS	US	45	MS	US	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 3	46.2	160	61	18.05	0.38			
436	NITHYA	15	F	9	G	40	MS	US	30	MS	UE	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 2	43.2	152	62	18.70	0.41			
437	ARTHI	14	F	9	G	43	PHS	US	42	PS	US	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	44.6	149	63	20.09	0.42			
438	DEVI	14	F	9	G	45	PS	US	38	PHS	US	C	P	1	5	UH	2	1	O	9.00	6.00	CLASS 3	36.5	158	55	14.62	0.35			

439	PONNARASI	15	F	9	G	45	HS	F	42	PS	F	B	P	3	9	UH	5	3	O	9.00	5.00	CLASS 4	40.2	150	63	17.87	0.42			
440	MOHAMMADHREE	15	F	9	G	42	PS	US	38	PS	US	B	P	1	4	UH	0	0	O	10.00	7.00	CLASS 4	33.1	147	60	15.32	0.41			
441	VENNILA	15	F	9	G	39	MS	US	39	IL	US	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 4	55	158	76	22.03	0.48			
442	HEMAN	11	M	6	G	41	PHS	US	38	MS	US	B	P	1	4	UH	0	0	O	9.00	6.00	CLASS 4	28.5	135	49	15.64	0.36			
443	MANIKANDAN	12	M	6	G	41	PS	S	43	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	30.5	137	53	16.25	0.39			
444	VIVEK	12	M	6	G	33	PHS	S	32	HS	UE	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	30.8	151	53	13.51	0.35			
445	SATHISWARAN	11	M	6	G	43	HS	S	34	HS	S	B	P	2	5	UH	0	0	O	8.00	7.00	CLASS 3	29.2	143	51	14.28	0.36			
446	GANESH	12	M	6	G	39	MS	S	37	MS	UE	B	P	1	4	UH	5	3	O	10.00	8.00	CLASS 4	35	136	58	18.92	0.43			
447	KARNAN	11	M	6	G	50	MPS	UE	49	PS	US	B	P	1	5	UH	5	3	O	10.00	6.00	CLASS 4	23	121	51	15.71	0.42			
448	MUKILAN	11	M	6	G	38	PHS	S	38	PHS	S	C	P	2	5	UH	4.5	2	O	10.00	6.00	CLASS 3	24	129	51	14.42	0.40			
449	GOWSIK	11	M	6	G	50	MS	UE	35	HS	US	B	P	1	4	UH	6	3	O	10.00	6.00	CLASS 4	22.5	130	50	13.31	0.38			
450	VISHWAPANDIAN	12	M	6	G	40	D	S	35	MS	US	C	P	1	4	UH	6	3	O	11.00	6.00	CLASS 3	31.8	141	54	16.00	0.38			
451	SOWNYAI	13	F	6	G	37	D	S	35	IL	S	B	P	2	5	-	1	0	I	8.00	6.00	CLASS 3	38.5	144	59	18.57	0.41			
452	ADHILAKSHMI	11	F	6	G	38	HS	S	33	MS	S	C	P	0	4	-	1	1	I	9.00	6.00	CLASS 3	32.9	133	61	18.60	0.46			
453	JOTHILAKSHMI	11	F	6	G	46	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	25	130	49	14.79	0.38			
454	CHARU NETHRA	11	F	6	G	47	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	29.6	143	53	14.48	0.37			
455	PRADEPA	11	F	6	G	45	PHS	S	37	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	24.7	134	50	13.76	0.37			
456	LILLA	12	F	6	G	38	HS	S	36	MS	S	C	P	2	5	UH	9	3	O	10.00	6.00	CLASS 3	30	143	54	14.67	0.38			
457	YUVASHREE	11	F	6	G	37	HS	S	36	HS	UE	C	P	1	5	UH	1	1	I	11.00	5.00	CLASS 3	27.7	137	54	14.76	0.39			
458	DIVYA	12	F	6	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	6	3	I	9.00	6.00	CLASS 4	31	131	55	18.06	0.42			
459	MANISHA	15	F	8	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	36.6	160	52	14.30	0.33			
460	SONAL	14	F	8	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	30.3	146	51	14.21	0.35			
461	YAZHINI	13	F	8	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	48.5	153	60	20.72	0.39			
462	SARMILA	14	F	8	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	40	156	57	16.44	0.37			
463	MAHESWARI	13	F	8	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	43.5	159	57	17.21	0.36			
464	SUJI	12	F	8	G	36	MS	US	35	MS	US	B	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	32	141	52	16.10	0.37			
465	NANDHINI	13	F	8	G	36	MS	US	35	MS	US	C	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	34.7	141	59	17.45	0.42			
466	SANDHIYA	13	F	8	G	42	IL	US	35	IL	US	B	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	32.5	142	58	16.12	0.41			
467	HAZEENA	13	F	8	G	34	MS	S	33	PHS	UE	C	P	1	4	UH	2	1	O	8.30	6.00	CLASS 3	40.9	151	57	17.94	0.38			
468	RAJESWARI	13	F	8	G	40	MS	S	38	MS	UE	B	P	2	5	UH	2	1	O	9.30	6.00	CLASS 3	37	142	58	18.35	0.41			
469	SRIDEVI	13	F	8	G	40	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	42.7	147	62	19.76	0.42			
470	ISHWARYA	13	F	8	G	40	HS	US	35	MS	US	B	P	0	3	UH	12	3	O	8.00	6.00	CLASS 4	36.1	141	56	18.16	0.40			
471	SWETHA	13	F	8	G	40	HS	S	38	MS	US	C	P	0	3	UH	2	1	O	9.30	5.30	CLASS 3	55.8	144.5	82	26.72	0.57		OBESE	OBESE
472	POOJA	12	F	7	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	6	3	I	9.00	6.00	CLASS 4	22.7	127	47	14.07	0.37			

473	TAMILARASI	11	F	7	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	29.5	135	51	16.19	0.38			
474	ABIRAMI	12	F	7	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	28.6	145	47	13.60	0.32			
475	MONISHA	13	F	7	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	6	2	I	9.00	6.00	CLASS 4	25	127	48	15.50	0.38			
476	SANTHARA	13	F	7	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	40.4	152	55	17.49	0.36			
477	RESHMA	14	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	37	149	59	16.67	0.40			
478	ABITHA	12	F	7	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	26.4	141	47	13.28	0.33			
479	KIRUTHIKA LAKSHMI	12	F	7	G	45	MS	US	40	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	25	137	47	13.32	0.34			
480	GAYATHRI	12	F	7	G	40	HS	US	36	PS	UE	B	P	2	5	UH	2	1	I	9.00	7.00	CLASS 4	43.6	141	71.7	21.93	0.51		OBESE	OBESE
481	KOWSALYA	12	F	7	G	42	MS	F	34	MS	S	C	P	1	4	UH	0	0	O	11.00	6.00	CLASS 3	30.2	130	51	17.87	0.39			
482	DIVYA	12	F	7	G	64	HS	UE	59	PS	US	C	P	0	2	UH	3	2	O	1.00	7.00	CLASS 4	27.6	136	48	14.92	0.35			
483	NANDHINI	12	F	7	G	34	MS	S	36	MS	S	B	P	1	4	-	1	0	O	11.00	6.00	CLASS 3	30.2	140	51	15.41	0.36			
484	DHANYALAKSHMI	12	F	7	G	36	HS	F	33	MS	US	D	P	1	4	-	2	0	I	11.00	7.00	CLASS 3	34.2	142	55	16.96	0.39			
485	KAVIYA	12	F	7	G	54	PHS	F	45	HS	F	C	P	1	4	UH	0.3	0	I	10.30	6.00	CLASS 3	23.7	129	49	14.24	0.38			
486	ADITH	13	M	7	G	50	D	S	45	IL	UE	E	P	1	3	-	2	1	I	9.00	5.00	CLASS 3	39.7	144	51	19.15	0.35			
487	NAVEEN KUMAR	12	M	7	G	47	PHS	S	43	HS	UE	C	P	1	4	UH	1	0	O	10.00	8.00	CLASS 3	28.4	136	53	15.35	0.39			
488	SATHVEER	13	M	7	G	31	PHS	S	30	HS	UE	C	P	2	5	UH	1	0	I	10.00	7.00	CLASS 3	39.3	154	56	16.57	0.36			
489	VIGNESH	11	M	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	25	143	45	12.23	0.31			
490	AMEER BASHA	12	M	7	G	32	MS	US	31	HS	UE	B	P	1	4	UH	1	3	I	9.30	7.00	CLASS 4	29.5	140	55	15.05	0.39			
491	ROSHAN	12	M	7	G	42	MS	US	32	D	UE	C	P	1	4	UH	0.2	1	I	9.00	6.00	CLASS 4	26.5	135	44	14.54	0.33			
492	DHANUSH	12	M	7	G	47	PS	S	37	HS	UE	C	P	2	5	UH	1	1	O	9.30	6.30	CLASS 3	34.5	140	57	17.60	0.41			
493	SASIKUMAR	12	M	7	G	35	MS	US	30	MS	UE	C	P	1	5	UH	8	3	O	10.00	7.00	CLASS 4	33.6	148	55	15.34	0.37			
494	VIDNESHWARAN	12	M	7	G	45	PHS	S	40	MS	UE	C	P	2	4	UH	1	1	O	10.00	6.30	CLASS 3	40.3	133	72	22.78	0.54		OBESE	OBESE
495	VISHNUWARTHAN	11	M	7	G	34	HS	S	30	HS	S	C	GP	1	4	UH	1	1	I	10.00	6.00	CLASS 4	44.2	151	64	19.39	0.42			
496	KIRISHTOBER	12	M	7	G	43	MS	S	32	PS	UE	B	P	3	4	UH	0.1	1	I	10.00	7.00	CLASS 4	27.8	136	51	15.03	0.38			
497	SARAN	13	M	8	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	31.2	141	59	15.69	0.42			
498	KARAN	13	M	8	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	33	143	53	16.14	0.37			
499	SARAN	13	M	8	G	47	MS	UE	50	MS	US	B	P	1	4	UH	6	3	O	9.00	6.00	CLASS 4	37	142	68	18.35	0.48			
500	ILAIYARAJA	13	M	8	G	36	PS	S	35	IL	UE	B	P	2	5	UH	7	3	O	10.00	8.00	CLASS 4	29	144	57	13.99	0.40			
501	PASUBATHI	13	M	8	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	40	153	62	17.09	0.41			
502	ARJUN	12	M	8	G	42	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	30.1	148	55	13.74	0.37			
503	SURYA	12	M	8	G	42	MS	S	31	PS	US	C	P	2	5	UH	2	0	I	10.00	9.00	CLASS 3	39.4	148	68	17.99	0.46			
504	SAMUVEL PRABHU	12	M	8	G	40	MS	S	30	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	26.2	132	52	15.04	0.39			
505	LARANS	13	M	8	G	42	PS	S	40	HS	S	C	P	3	6	UH	1	1	O	9.00	4.00	CLASS 3	36.4	148	62	16.62	0.42			
506	AJITH	14	M	8	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	41	143	67	20.05	0.47			

507	SAKTHI VIGNESH	14	M	8	G	50	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	39.2	155	59	16.32	0.38			
508	DINESH	13	M	8	G	40	PS	S	36	MS	S	B	P	1	3	UH	3	2	O	10.00	4.30	CLASS 4	37	144	62	17.84	0.43			
509	SOWNDAR RAJ	13	M	8	G	35	MS	S	30	MS	US	C	P	1	4	UH	2	1	O	10.00	6.00	CLASS 4	30	134	54	16.71	0.40			
510	SANGAMESHWARAN	13	M	8	G	34	PS	S	32	PS	UE	C	P	0	3	UH	2	0	O	9.00	6.30	CLASS 4	47.5	147	72	21.98	0.49			
511	NAVEENKUMAR	12	M	8	G	55	PHS	S	52	IL	US	B	P	1	5	UH	6	3	I	9.00	6.00	CLASS 4	56	151	82	24.56	0.54		OBESE	OBESE
512	KARTHIK	13	M	8	G	40	PS	US	30	IL	US	C	P	3	6	-	1	1	O	9.00	6.00	CLASS 4	44	151	78	19.30	0.52		OBESE	OBESE
513	RAHUL	14	M	8	G	48	D	S	33	IL	UE	E	P	1	4	-	1	0	I	9.00	7.00	CLASS 3	54	153	84	23.07	0.55		OBESE	OBESE
514	HARISH	13	M	8	G	46	MS	S	36	HS	UE	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	46	140	72	23.47	0.51			OBESE
515	MAHALIMGAM	13	M	8	G	43	PS	S	35	PS	US	B	P	2	5	UH	2	2	O	10.00	8.00	CLASS 4	27	133	47	15.26	0.35			
516	SUMAN	15	M	9	G	48	D	US	42	HS	US	B	G	2	3	-	2	0	O	10.00	6.00	CLASS 4	49.2	173	71	16.44	0.41			
517	SOWDAR RAJ	14	M	9	G	37	PS	UE	29	PS	US	C	P	1	4	UH	2	1	I	8.30	6.30	CLAAS 3	30.3	150	50	13.47	0.33			
518	THAMAIKANNAN	14	M	9	G	54	MS	US	50	PS	US	C	P	1	4	UH	1	1	O	11.00	6.30	CLASS 4	30	152	58	12.98	0.38			
519	RAJA	15	M	9	G	36	PS	US	36	PS	US	B	P	2	5	H	2	1	O	11.00	6.00	CLASS 4	42.5	162	64	16.19	0.40			
520	RUBAVIGNESH	14	M	9	G	42	MS	S	35	MS	UE	D	P	0	3	UH	5	3	O	9.00	5.00	CLASS 3	31.2	137	57	16.62	0.42			
521	ARAVINTH	15	M	9	G	42	IL	US	38	IL	US	B	P	2	5	UH	2	0	O	9.00	6.00	CLASS 4	36.4	160	63	14.22	0.39			
522	RAMESH	15	M	9	G	50	HS	S	60	MS	UE	C	P	1	4	UH	2	1	O	9.00	6.00	CLASS 4	41.3	161	62	15.93	0.39			
523	SURESHBABU	14	M	9	G	80	IL	US	67	IL	US	B	P	0	3	UH	6	3	O	9.00	6.00	CLASS 4	56	162	74	21.34	0.46			
524	VASANTH	15	M	9	G	49	HS	F	38	MS	UE	C	P	3	6	UH	0	0	O	10.00	6.00	CLASS 4	51	163	69	19.20	0.42			
525	RANGANATHAN	14	M	9	G	40	PS	US	35	MS	US	C	P	2	5	UH	5	2	O	9.00	6.00	CLASS 4	35.6	162	60	13.57	0.37			
526	MUKESH	14	M	9	G	40	MS	S	38	MS	US	C	P	1	4	UH	5	3	O	11.00	6.00	CLASS 3	31.5	155	53	13.11	0.34			
527	JEEVA	13	M	9	G	-	-	-	38	HS	US	B	P	1	4	UH	3	1	O	8.30	6.00	CLASS4	39.5	156	67	16.23	0.43			
528	SELLAPPAN	14	M	9	G	40	IL	US	39	IL	US	C	P	2	3	UH	3	0	O	9.00	8.00	CLASS 4	30.1	147	55	13.93	0.37			
529	ANANDH	15	M	9	G	41	HS	US	31	MS	US	B	P	1	7	UH	7	3	O	9.00	6.00	CLASS 4	28.5	145	53	13.56	0.37			
530	BASKAR	15	M	9	G	42	MS	F	39	MS	UE	D	P	1	4	UH	6	3	O	9.00	6.00	CLASS 3	45.3	165	67	16.64	0.41			
531	MOHAMMAD RIYAS	14	M	9	G	-	-	-	37	HS	S	C	P	1	4	UH	3	0	O	10.00	7.00	CLASS 4	29.7	151	57	13.03	0.38			
532	BARANI	14	M	9	G	42	IL	US	32	IL	US	C	P	1	4	UH	5	2	O	9.30	6.00	CLASS 4	31.6	145	51	15.03	0.35			
533	ARAVINTH	13	M	9	G	49	HS	F	38	MS	F	C	P	3	6	UH	3	1	O	10.00	7.00	CLASS4	62.2	155	86	25.89	0.55		OBESE	OBESE
534	SAKTHI	15	M	9	G	40	MS	S	35	PS	UE	C	P	2	5	UH	3	1	O	9.00	6.00	CLASS 4	71.3	168	87	25.26	0.52		OBESE	OBESE
535	KASI VISWANATHAN	15	M	10	G	39	PS	US	38	PS	US	C	P	1	4	UH	4	1	O	10.00	6.30	CLASS 4	41.6	161	59	16.05	0.37			
536	SUBASH	15	M	10	G	43	D	P	38	HS	UE	D	P	2	5	-	1	2	I	9.30	6.00	CLASS 3	63	159	82	24.92	0.52			OBESE
537	AJITH	15	M	10	G	46	MS	US	36	PS	US	D	P	0	5	UH	1	3	O	9.00	5.00	CLASS 3	36.9	141	60	18.56	0.43			
538	SAKTHIVEL	14	M	10	G	48	MS	US	45	IL	US	B	P	0	3	UH	0.3	2	O	8.00	6.00	CLASS 4	38	151	55	16.67	0.36			
539	SHAJEK	15	M	10	G	38	PS	F	34	HS	F	D	P	1	4	UH	2	1	I	10.00	5.00	CLASS 3	46.6	160	68	18.20	0.43			
540	SIVASAKTHI	15	M	10	G	36	MS	US	34	HS	US	E	P	1	4	UH	3	1	I	7.00	6.00	CLASS 3	39.5	162	61	15.05	0.38			

541	SABARI MENAGARAJ	14	M	10	G	38	D	F	34	HS	UE	C	P	2	5	UH	2	1	O	9.00	7.30	CLASS 4	50.3	161	71	19.41	0.44			
542	PRABHU	15	M	10	G	40	PS	US	38	PS	US	B	P	1	4	UH	2	1	I	10.00	6.00	CLASS 4	30.9	159	61	12.22	0.38			
543	PRADAP	15	M	10	G	40	PS	US	38	PS	US	C	G	4	6	UH	3	3	O	9.00	6.00	CLASS 4	41.4	152	61	17.92	0.40			
544	ARJUN	14	M	10	G	38	PS	US	35	PS	US	D	P	0	5	UH	2	2	O	9.00	6.00	CLASS 3	36	142	59	17.85	0.42			
545	KARTHIKEYAN	15	M	10	G	48	MS	US	41	HS	US	C	P	0	3	UH	-	-	O	8.30	6.00	CLASS 4	53.4	170	72	18.48	0.42			
546	RAJASEKAR	15	M	10	G	38	MS	US	35	PS	US	D	G	0	8	UH	1	1	O	8.00	6.00	CLASS 3	39.3	152	58	17.01	0.38			
547	MANIKANDAN	14	M	10	G	56	PS	US	38	PS	US	E	P	2	5	UH	5	3	O	10.30	7.30	CLASS 3	31.7	159	59	12.54	0.37			
548	YOGARAJ	15	M	10	G	46	MS	US	37	PS	US	C	P	1	4	H	2	1	O	11.00	6.00	CLASS 4	33.7	159	60	13.33	0.38			
549	PRASATH	15	M	10	G	-	-	-	42	HS	US	C	P	1	3	UH	2	2	O	9.00	6.00	CLASS 4	32.7	143	60	15.99	0.42			
550	GOKULA KRISHNAN	15	M	10	G	48	D	US	35	MS	US	C	P	1	4	UH	2	2	O	11.30	5.00	CLASS 4	40.6	158	66	16.26	0.42			
551	RAJAGURU	15	M	10	G	38	HS	S	32	HS	UE	C	P	3	8	UH	1	-	O	9.00	6.00	CLASS 4	53.1	157	76	21.54	0.48			OBESE
552	SIVARAMAN	15	M	10	G	58	PS	US	36	PS	US	C	P	1	7	UH	1	2	O	8.00	5.00	CLASS 4	41	148	68	18.72	0.46			
553	DHANAPAL	15	M	10	G	45	MS	US	35	HS	US	A	P	0	7	UH	1	0	O	1.00	6.00	CLASS 4	35.5	159	58	14.04	0.36			
554	KARANESH	15	M	10	G	42	MS	US	36	PS	US	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 4	61.9	168	73	21.93	0.43			
555	PADAIYAPPA	15	M	10	G	49	IL	US	39	IL	US	C	P	4	7	UH	-	-	O	9.00	6.00	CLASS 4	51.8	164	70	19.26	0.43			
556	PRABHU	15	M	10	G	36	HS	US	28	MS	US	E	P	1	4	UH	2	2	O	10.00	6.30	CLASS 3	44	167	64	15.78	0.38			
557	NAGARAJ	15	M	10	G	32	HS	US	31	PHS	US	C	P	1	4	UH	3	2	O	9.30	7.30	CLASS 4	46	160	62	17.97	0.39			
558	POUNRAJ	15	M	10	G	62	IL	US	40	IL	US	D	P	2	5	UH	2	2	O	10.30	7.00	CLASS 4	55.4	166	68	20.10	0.41			
559	KANNAN	15	M	10	G	36	HS	S	33	MS	UE	G	P	1	4	UH	2	2	O	11.00	7.00	CLASS 3	42.2	160	60	16.48	0.38			
560	MARIKANI	15	M	10	G	45	IL	US	37	IL	US	E	P	0	5	UH	2	1	O	11.00	7.00	CLASS 3	50	175	68	16.33	0.39			
561	SURESH KRISHNA	15	M	10	G	40	MS	US	36	PS	US	C	P	1	4	-	-	-	O	10.00	6.30	CLASS 4	44.6	162	64	16.99	0.40			
562	ARAVINDH	15	M	10	G	58	HS	S	45	HS	UE	E	P	1	5	UH	2	2	O	10.30	7.00	CLASS 3	44	161	60	16.97	0.37			
563	GOKUL	15	M	10	G	52	MS	US	45	PS	UE	D	P	0	3	UH	3	2	O	10.00	6.30	CLASS 4	48	172	71	16.22	0.41			
564	KAMATCHINATHAN	15	M	10	G	50	HS	US	40	PS	UE	C	P	2	5	UH	3	2	O	11.00	6.30	CLASS 4	54.5	176	71	17.59	0.40			
565	RONALD	15	M	10	G	45	D	S	34	HS	UE	E	P	1	4	UH	2	1	O	10.00	5.00	CLASS 3	35.9	159	61	14.20	0.38			
566	MANIKANDAN	15	M	10	G	40	IL	US	38	IL	UE	E	P	2	4	UH	3	2	O	11.00	6.30	CLASS 3	65	169	83	22.76	0.49		OBESE	OBESE
567	BALAKUMAR	15	M	10	G	45	HS	US	42	MS	US	D	P	0	2	UH	2	3	O	9.00	6.00	CLASS 3	53.1	151	83	23.29	0.55		OBESE	OBESE
568	HARSHITHA	14	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	37	149	59	16.67	0.40			
569	GAYATHRI	15	F	11	P	39	D	P	36	HS	UE	E	P	0	3	UH	1	0	O	11.00	5.00	CLASS 2	54	155	65	22.48	0.42			
570	MATHU	15	F	11	P	47	HS	F	45	HS	UE	G	P	0	3	H	1	1	O	10.30	5.00	CLASS 1	53	159	63	20.96	0.40			
571	MONISHWARI	15	F	11	P	47	HS	F	42	HS	UE	D	P	1	4	H	1	0	O	10.30	4.30	CLASS 3	54	149	61	24.32	0.41			
572	KANISHKA	15	F	11	P	43	D	P	39	D	P	F	P	1	4	H	2	1	O	9.00	4.30	CLASS 2	40	153	58	17.09	0.38			
573	SUMITHRA	15	F	11	P	49	HS	F	39	HS	F	G	P	1	6	H	1	2	O	10.00	4.30	CLASS 3	60	166	65	21.77	0.39			
574	MALINE	15	F	11	P	44	D	P	38	D	P	G	P	0	3	UH	3	0	O	10.30	4.30	CLASS 1	49	159	60	19.38	0.38			

575	ANUSHIYA	15	F	11	P	46	D	P	37	HS	F	G	P	1	4	UH	0	0	O	10.30	4.30	CLASS 1	44	150	68	19.56	0.45			
576	DEVADARSHINI	15	F	11	P	50	PHS	F	44	PHS	F	G	P	0	3	H	2	2	I	9.30	6.00	CLASS 2	42	149	65	18.92	0.44			
577	SNEHA SREE	15	F	11	P	50	D	P	46	D	UE	G	P	1	4	UH	1	1	O	11.30	6.00	CLASS 2	40	150	57	17.78	0.38			
578	JAYASRI	15	F	11	P	42	HS	F	38	HS	F	G	P	1	4	UH	0	0	O	11.00	4.30	CLASS 3	48	154	60	20.24	0.39			
579	PRIYADARSHII	15	F	11	P	42	D	F	36	D	UE	G	P	1	4	UH	1	2	O	9.30	5.00	CLASS 2	45	148	65	20.54	0.44			
580	ADITHI	15	F	11	P	50	D	F	42	D	F	G	P	1	4	UH	3	2	I	11.00	7.00	CLASS 2	60	150	78	26.67	0.52	OBESE	OBESE	OBESE
581	NITHI NANDHA	15	F	11	P	50	D	F	38	D	F	G	P	1	4	UH	0	0	I	11.00	7.00	CLASS 2	61	152	79	26.40	0.52	OBESE	OBESE	OBESE
582	ANITHA	15	F	11	P	42	HS	F	34	HS	UE	G	P	1	4	H	3	2	O	11.00	5.30	CLASS 2	42	156	65	17.26	0.42			
583	DEEPALAKSHMI	15	F	11	P	42	PS	F	37	MS	UE	G	P	1	4	UH	3	1	O	10.30	4.00	CLASS 2	44	149	68	19.82	0.46			
584	PRADHARSANA	15	F	11	P	48	PG	F	39	PG	UE	G	P	1	4	UH	2	2	I	10.00	5.00	CLASS 3	44	162	65	16.77	0.40			
585	MADHUVATHANA	15	F	11	P	50	D	F	49	D	P	G	P	1	4	UH	4	3	I	10.30	5.30	CLASS 2	63	155	78	26.22	0.50	OBESE	OBESE	OBESE
586	KAVYA	15	F	11	P	44	HS	F	34	PHS	UE	G	P	1	4	H	0	0	O	10.00	4.00	CLASS 3	38	152	64	16.45	0.42			
587	ISWARIYA	15	F	11	P	42	HS	S	36	PHS	UE	F	P	1	4	UH	1	2	O	10.00	4.30	CLASS 3	45	152	70	19.48	0.46			
588	SAMRAKSHANA	15	F	11	P	40	D	F	39	D	P	G	P	1	6	H	0	0	O	10.00	5.30	CLASS 2	40	152	65	17.31	0.43			
589	SRUTHI	15	F	11	P	48	HS	S	45	HS	UE	F	P	0	3	UH	2	1	I	10.30	6.30	CLASS 3	60	154	78	25.30	0.51		OBESE	
590	ADHARSHINI	15	F	11	P	46	D	F	43	PG	UE	G	P	1	4	H	1	0	O	10.30	5.30	CLASS 2	56	160	68	21.88	0.43			
591	SILAMBARASAN	15	M	11	P	43	MS	S	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	42	160	63	16.41	0.39			
592	KARTHIK	15	M	11	P	58	PHS	S	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 3	40	157	57	16.23	0.36			
593	MAHESH	15	M	11	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	40	155	56	16.65	0.36			
594	NIKILAN	15	M	11	P	40	HS	S	35	D	UE	D	P	1	4	UH	4	2	I	11.00	7.00	CLASS 3	45	155	65	18.73	0.42			
595	KARNAN	15	M	11	P	38	HS	US	36	HS	UE	C	P	1	4	UH	4	1	O	8.00	5.00	CLASS 4	36	147	58	16.66	0.39			
596	RAJKUMAR	15	M	11	P	39	PS	F	29	HS	UE	C	P	2	5	UH	2	1	O	9.00	5.00	CLASS 3	40	155	65	16.65	0.42			
597	CHANDRU	15	M	11	P	42	PHS	S	38	HS	UE	D	P	1	8	UH	2	0	O	9.30	6.00	CLASS 3	38	145	59	18.07	0.41			
598	THARUN	15	M	11	P	38	MS	S	35	HS	UE	B	P	1	4	H	2	0	I	10.00	7.00	CLASS 2	38	145	54	18.07	0.37			
599	SANTHOSH	15	M	11	P	40	MS	F	35	PS	UE	F	P	2	5	UH	3	1	O	9.00	6.00	CLASS 3	65	160	82	25.39	0.51		OBESE	OBESE
600	SHRI GANESH	15	M	11	P	45	PHS	F	35	PHS	UE	G	P	1	4	UH	5	3	O	11.30	6.00	CLASS 2	45	150	58	20.00	0.39			
601	NIRANJAN	15	M	11	P	42	HS	F	38	D	UE	G	P	0	3	UH	6	3	O	11.00	6.00	CLASS 2	40	157	57	16.23	0.36			
602	ADITHYA	15	M	11	P	41	P	F	39	PHS	UE	F	P	1	4	UH	5	0	I	10.30	6.30	CLASS 2	40	155	56	16.65	0.36			
603	ANIRUDTH	15	M	11	P	48	P	F	42	HS	UE	D	P	1	4	UH	6	3	I	10.00	6.30	CLASS 2	45	155	65	18.73	0.42			
604	MANIKANDAN	15	M	11	P	44	D	P	42	D	UE	G	P	1	4	UH	3	1	O	11.30	6.00	CLASS 1	40	147	58	18.51	0.39			
605	PRABHU	15	M	11	P	43	MS	P	33	MS	UE	C	P	2	6	UH	3	1	I	9.00	6.45	CLASS 2	45	140	79	22.96	0.56		OBESE	OBESE
606	DINESH	15	M	11	P	42	PHS	F	40	HS	F	E	P	1	5	UH	2	1	I	10.00	6.45	CLASS 2	42	138	79	22.05	0.57		OBESE	OBESE
607	BALASUBRAMANIAM	15	M	11	P	39	D	P	36	HS	UE	E	P	0	3	UH	1	0	O	11.00	5.00	CLASS 2	50	169	60	17.51	0.36			
608	UDHYAKUMAR	15	M	11	P	48	HS	F	45	HS	UE	G	P	0	3	H	1	1	O	10.30	5.00	CLASS 1	41	140	51	20.92	0.36			

609	RAVI	15	M	11	P	50	HS	F	42	HS	UE	D	P	1	4	H	1	0	O	11.00	7.00	CLASS 3	40	175	70	13.06	0.40			
610	JOSEPH	15	M	11	P	43	D	P	41	D	P	F	P	1	4	H	2	1	O	10.30	6.30	CLASS 2	45	156	61	18.49	0.39			
611	SENTHIL	15	M	11	P	49	HS	F	45	HS	F	G	P	1	6	H	1	2	O	10.00	6.00	CLASS 3	44	150	70	19.56	0.47			
612	ARUNKUMAR	15	M	11	P	44	D	P	40	D	P	G	P	0	3	UH	3	0	O	10.30	6.30	CLASS 1	50	147	68	23.14	0.46			
613	RAMKUMAR	11	M	7	P	42	MS	SH	31	HS	S	C	P	1	4	UH	4	1	I	10.00	4.00	CLASS 3	48	146	73	22.52	0.50	OBESE	OBESE	OBESE
614	PRAVEEN	11	M	7	P	42	MS	F	31	HS	F	C	P	1	4	UH	4	1	O	10.00	4.00	CLASS 2	38	145	62	18.07	0.43			
615	NITHIN	11	M	7	P	54	MS	UE	40	PS	S	C	P	1	4	H	2	1	O	9.50	6.50	CLASS 3	35	143	61	17.12	0.43			
616	MUSTHAFFA	11	M	7	P	42	MS	S	33	HS	F	B	P		3	UH	2	1	O	9.50	6.50	CLASS 3	37	144	63	17.84	0.44			
617	VARUN	11	M	7	P	41	HS	SS	34	MS	F	C	P	1	4	UH	3	3	I	8.50	5.50	CLASS 2	48	154	71	20.24	0.46		OBESE	
618	NIKILESH	11	M	7	P	34	MS	S	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 3	40	150	67	17.78	0.45			
619	BALAJI	11	M	7	P	41	D	P	30	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	44	151	66	19.30	0.44			
620	TRILOK	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	I	8.50	5.00	CLASS 3	50	155	69	20.81	0.45		OBESE	
621	PRASANNA	11	M	7	P	37	MS	S	35	HS	UE	B	P	2	7	UH	2	1	O	9.50	6.00	CLASS 3	36	145	62	17.12	0.43			
622	KAVIN	11	M	7	P	35	MS	F	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 2	35	145	61	16.65	0.42			
623	HEMESH	11	M	7	P	40	D	P	32	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	40	150	66	17.78	0.44			
624	KRISHNA	11	M	7	P	46	MS	US	32	MS	UE	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 3	33	139	59	17.08	0.42			
625	SRIRAM	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	O	8.50	5.00	CLASS 3	30	138	57	15.75	0.41			
626	ARUN	11	M	7	P	45	D	P	35	D	S	D	P	1	4	UH	2.5	1	I	10.00	5.50	CLASS 2	40	140	71	20.41	0.51		OBESE	OBESE
627	SKANTHA	11	M	7	P	43	PHS	SP	42	PHS	SP	E	P	1	4	UH	3.5	2	O	10.00	6.00	CLASS 2	34	142	60	16.86	0.42			
628	SANTHESH	11	M	7	P	39	PS	F	34	HS	UE	C	P	1	4	UH	6	1	O	11.30	7.00	CLASS 3	37	144	61	17.84	0.42			
629	PRANAV	11	M	7	P	43	MS	F	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	36	143	59	17.60	0.41			
630	ARSATH	11	M	7	P	58	PHS	P	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 2	40	147	67	18.51	0.46			
631	KANISHK	11	M	7	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	32	141	56	16.10	0.40			
632	SARRVESH	11	M	7	P	48	D	SH	45	PD	P	D	P	0	3	UH	4	2	I	10.00	6.00	CLASS 3	53	160	83	20.70	0.52		OBESE	OBESE
633	NAVIN	11	M	7	P	42	D	S	37	IL	UE	B	P	1	4	H	4	1	O	9.00	5.00	CLASS 3	43	150	67	19.11	0.45			
634	NAVEEN PRABHU	11	M	7	P	39	D	F	30	MS	UE	C	P	3	6	UH	2	1	O	9.00	6.00	CLASS 2	42	149	68	18.92	0.46			
635	SATHISH	11	M	7	P	42	D	S	38	MS	UE	C	P	1	4	UH	4	1	O	9.50	7.00	CLASS 3	45	155	63	18.73	0.41			
636	SASEENTHIRAN	11	M	7	P	45	MS	S	41	HS	UE	D	P	1	4	UH	3	1	O	12.00	7.00	CLASS 3	31	139	58	16.04	0.42			
637	SASITHARAN	11	M	7	P	36	PHS	S	32	HS	UE	C	P	1	4	UH	1	1	O	9.00	6.00	CLASS 2	39	152	68	16.88	0.45			
638	KESHAVAN	11	M	7	G	31	PHS	S	30	HS	UE	C	P	2	5	H	1	0	I	10.00	7.00	CLASS 3	30	138	57	15.75	0.41			
639	MANIKANDAN	11	M	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	26	133	52	14.70	0.39			
640	VASANTH	11	M	7	G	42	MS	F	34	MS	S	C	P	1	4	UH	3	2	O	11.00	6.00	CLASS 3	48	145	73	22.83	0.50	OBESE	OBESE	OBESE
641	JAYARAM	11	M	7	G	43	MS	S	32	PS	UE	B	P	3	4	UH	0.1	1	I	10.00	7.00	CLASS 4	35	143	62	17.12	0.43			
642	SARAVANAN	11	M	7	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	33	143	56	16.14	0.39			

643	ARUN	11	M	7	G	40	HS	S	32	HS	S	B	GP	1	4	H	1	1	O	9.30	7.00	CLASS 4	35	144	62	16.88	0.43			
644	KARTHIK	11	M	7	G	45	MS	UE	42	MS	US	B	P	1	4	UH	3	3	O	9.00	6.00	CLASS 4	32	141	54	16.10	0.38			
645	JEYA CHANDRAN	11	M	7	G	36	PS	S	35	IL	UE	B	P	2	5	H	2	1	O	10.00	8.00	CLASS 4	41	148	67	18.72	0.45			
646	SURYA	11	M	7	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	38	145	58	18.07	0.40			
647	NIRMAL	11	M	7	G	42	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	25	132	55	14.35	0.42			
648	SARATHKUMAR	11	M	7	G	42	MS	S	31	PS	US	C	P	2	5	H	2	0	I	10.00	9.00	CLASS 3	37	146	62	17.36	0.42			
649	MURALI	11	M	7	G	34	MS	S	36	MS	S	B	P	1	4	UH	2	1	O	11.00	6.00	CLASS 3	44	150	69	19.56	0.46		OBESE	
650	CHANDRAN	11	M	7	G	40	MS	S	30	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	34	144	61	16.40	0.42			
651	AJITH	11	M	7	G	42	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	40	151	57	17.54	0.38			
652	VIJAY	11	M	7	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	28	137	56	14.92	0.41			
653	VIGNESWARAN	11	M	7	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	44	151	66	19.30	0.44			
654	HARI BASKAR	11	M	7	G	38	PS	S	32	MS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	35	145	50	16.65	0.34			
655	HARIHARAN	11	M	7	G	35	MS	S	30	MS	US	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 4	40	147	67	18.51	0.46			
656	GNAVEL	11	M	7	G	46	MS	S	36	HS	UE	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	45	148	70	20.54	0.47		OBESE	
657	IMANUEL	11	M	7	G	41	PS	S	43	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	42	151	66	18.42	0.44			
658	SABARISH	11	M	7	G	33	PHS	S	32	HS	UE	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	38	148	64	17.35	0.43			
659	PRADEEP	11	M	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	31	139	54	16.04	0.39			
660	SRIMAN	11	M	7	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	35	140	58	17.86	0.41			
661	PRASANTH	11	M	7	G	50	MPS	UE	49	PS	US	B	P	1	5	UH	1	1	O	10.00	6.00	CLASS 4	33	140	60	16.84	0.43			
662	JAYALAKSHMI	11	F	7	G	45	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	26	136	56	14.06	0.41			
663	SANGEETHA	11	F	7	G	47	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	31	139	55	16.04	0.40			
664	NEERJAHAN	11	F	7	G	42	PHS	S	37	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	32	148	57	14.61	0.39			
665	SABEENA	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	I	8.00	7.00	CLASS 3	51	145	72	24.26	0.50	OBESE	OBESE	OBESE
666	PARIMALA	11	F	7	G	38	PS	S	32	MS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	39	150	64	17.33	0.43			
667	SANDHYA	11	F	7	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	38	157	64	15.42	0.41			
668	RENUKA	11	F	7	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	34	143	61	16.63	0.43			
669	PRADEEPA	11	F	7	G	39	PHS	S	38	MS	UE	C	P	1	4	H	1	1	O	9.30	5.30	CLASS 3	45	156	63	18.49	0.40			
670	AARTHI	11	F	7	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	41	149	69	18.47	0.46		OBESE	
671	AMBIKA	11	F	7	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	44	144	65	21.22	0.45			
672	MALARKODI	11	F	7	G	37	PHS	S	30	HS	UE	C	P	1	5	H	2	1	O	8.00	6.00	CLASS 3	30	143	56	14.67	0.39			
673	MEENA	11	F	7	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	36	155	63	14.98	0.41			
674	TAMILARASI	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	UH	3	2	I	8.00	7.00	CLASS 3	60	163	79	22.58	0.48	OBESE	OBESE	
675	KAVITHA	11	F	7	G	45	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	32	138	59	16.80	0.43			
676	GAYATHRI	11	F	7	G	42	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	34	148	59	15.52	0.40			

677	INDHUMATHI	11	F	7	G	45	PHS	F	37	MS	US	B	P	1	4	H	2	0	O	10.00	6.00	CLASS 3	40	150	62	17.78	0.41			
678	PRIYADHARSHINI	11	F	7	G	38	HS	S	36	MS	S	C	P	2	5	UH	9	3	I	10.00	6.00	CLASS 3	40	144	73	19.29	0.51		OBESE	OBESE
679	BRINDHA	11	F	7	G	37	HS	S	36	HS	UE	C	P	1	5	UH	1	1	I	11.00	5.00	CLASS 3	36	136	60	19.46	0.44			
680	FATHEEMA	11	F	7	G	37	HS	US	33	PHS	UE	B	P	1	4	H	6	3	I	9.00	6.00	CLASS 4	40	148	64	18.26	0.43			
681	BRINDHADEVI	11	F	7	G	42	PS	S	40	HS	S	C	P	3	6	UH	1	1	I	9.00	4.00	CLASS 3	45	148	70	20.54	0.47		OBESE	
682	MELBHA	11	F	7	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	35	157	62	14.20	0.39			
683	JAYA	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	36	146	62	16.89	0.42			
684	ANUSHIYA	11	F	7	G	40	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	37	149	56	16.67	0.38			
685	BAKYALAKSHMI	11	F	7	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	35	141	62	17.60	0.44			
686	POOMATHI	11	F	7	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	45	158	63	18.03	0.40			
687	NITHYA	11	F	7	G	36	MS	US	35	MS	US	B	P	2	5	UH	12	3	I	9.00	6.00	CLASS 4	33	144	64	15.91	0.44			
688	ANITHA	11	F	7	G	36	MS	US	35	MS	US	C	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	35	158	62	14.02	0.39			
689	NANTHINI	11	F	7	G	40	IL	US	35	IL	US	B	P	2	5	UH	12	3	I	9.00	6.00	CLASS 4	42	150	71	18.67	0.47		OBESE	
690	DIVYA	11	F	7	G	34	MS	S	33	PHS	UE	C	P	1	4	H	2	1	O	8.30	6.00	CLASS 3	45	148	60	20.54	0.41			
691	AROKIYAMERI	11	F	7	G	40	MS	S	38	MS	UE	B	P	2	5	H	2	1	O	9.30	6.00	CLASS 3	35	144	56	16.88	0.39			
692	JAYANTHI	11	F	7	G	38	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	33	143	58	16.14	0.41			
693	POORNIMA	11	F	7	G	40	HS	US	35	MS	US	B	P	0	3	H	12	3	I	8.00	6.00	CLASS 4	44	159	62	17.40	0.39			
694	ABIRAMI	11	F	7	G	40	HS	S	32	HS	S	B	GP	1	4	UH	2	1	I	9.30	7.00	CLASS 4	43	149	74	19.37	0.50		OBESE	OBESE
695	VASANTHI	11	F	7	G	40	HS	S	32	HS	S	B	GP	1	4	H	1	1	O	9.30	7.00	CLASS 4	44	156	64	18.08	0.41			
696	SRUTHI	11	F	7	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	6	3	I	9.00	6.00	CLASS 4	36	160	62	14.06	0.39			
697	RADHIKA	11	F	7	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	39	151	61	17.10	0.40			
698	POONKOTHAI	11	F	7	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	45	156	64	18.49	0.41			
699	SIVAKAMI	11	F	7	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	6	2	I	9.00	6.00	CLASS 4	39	143	62	19.07	0.43			
700	REVATHI	11	F	7	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	40	155	59	16.65	0.38			
701	PRABHADEVI	11	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	40	152	64	17.31	0.42			
702	VIGNESWARI	11	F	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	I	10.00	6.00	CLASS 3	41	148	73	18.72	0.49		OBESE	
703	BANUPRIYA	11	F	7	G	42	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	35	156	63	14.38	0.40			
704	LAKSHMI	11	F	7	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	40	138	61	21.00	0.44			
705	SANTHI	11	F	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	38	149	63	17.12	0.42			
706	ISWARIYA	11	F	7	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	6	3	I	9.00	6.00	CLASS 4	37	155	64	15.40	0.41			
707	AYSHA	11	F	7	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	34	146	58	15.95	0.40			
708	LOGESWARI	11	F	7	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	46	157	65	18.66	0.41			
709	ANDAL	11	F	7	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	34	144	57	16.40	0.40			
710	MONISHA	11	F	7	G	43	MS	S	33	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	36	145	63	17.12	0.43			

711	RANI	11	F	7	G	39	MS	S	36	HS	S	C	P	1	4	UH	3	1	I	10.00	6.00	CLASS 3	48	147	75	22.21	0.51		OBESE	OBESE
712	DHARANI	11	F	7	P	40	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	31	138	59	16.28	0.43			
713	SHUBIKHPRIYA	11	F	7	P	40	PHS	S	35	MS	UE	C	P	1	4	UH	4	2	I	9.30	6.00	CLASS 3	51	148	74	23.28	0.50	OBESE	OBESE	OBESE
714	DEEPIKA	11	F	7	P	42	HS	F	38	MS	UE	D	P	1	6	H	0	0	O	10.00	4.30	CLASS 3	36	145	62	17.12	0.43			
715	ANUSHIYA	11	F	7	P	39	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 2	36	157	62	14.61	0.39			
716	DEEPA SREE	11	F	7	P	45	HS	F	40	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	46	146	65	21.58	0.45			
717	GAYATHRI	11	F	7	P	42	HS	F	40	D	UE	F	P	1	4	UH	3	1	I	10.00	6.30	CLASS 2	47	156	73	19.31	0.47		OBESE	
718	PREETHI	11	F	7	P	42	HS	F	31	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 2	33	139	59	17.08	0.42			
719	HARINI	11	F	7	P	52	HS	P	45	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	35	146	62	16.42	0.42			
720	SUDHARSHANA	11	F	7	P	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	44	156	64	18.08	0.41			
721	ISWARIYA	11	F	7	P	55	PHS	F	50	HS	UE	G	P	0	3	UH	6	2	I	10.30	7.00	CLASS 2	53	144	73	25.56	0.51	OBESE	OBESE	OBESE
722	SNEHA SREE	11	F	7	P	45	HS	F	43	D	UE	E	P	0	3	H	3	1	I	10.30	7.30	CLASS 2	45	143	74	22.01	0.52		OBESE	OBESE
723	RITHIKA	11	F	7	P	42	PHS	F	37	PHS	UE	E	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	37	147	64	17.12	0.44			
724	AKANIYA	11	F	7	P	41	D	F	35	D	UE	F	P	1	4	UH	0	0	I	10.30	4.00	CLASS 2	34	137	58	18.11	0.42			
725	SYAMVARTHINI	11	F	7	P	54	HS	S	49	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	39	158	64	15.62	0.41			
726	BRINDHASHREE	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	43	156	65	17.67	0.42			
727	DIVYA PRABHA	11	F	7	P	38	PHS	F	32	PHS	F	G	P	1	4	H	4	0	O	11.00	4.00	CLASS 2	46	157	65	18.66	0.41			
728	JAYSNEHA	11	F	7	P	55	HS	P	51	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	41	148	64	18.72	0.43			
729	KANISHKA	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	45	158	64	18.03	0.41			
730	KRITHIKA	11	F	7	P	44	HS	F	34	PHS	UE	G	P	1	4	H	0	0	I	10.00	6.00	CLASS 3	48	150	70	21.33	0.47		OBESE	
731	SAVEETHA	11	F	7	P	42	HS	S	36	PHS	F	F	P	1	4	UH	1	2	I	10.00	6.15	CLASS 3	44	147	75	20.36	0.51		OBESE	OBESE
732	SRIHARINI	11	F	7	P	40	D	F	37	D	P	G	P	1	6	H	0	0	O	10.00	5.30	CLASS 2	38	154	63	16.02	0.41			
733	SANGAMITHRA	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	45	157	63	18.26	0.40			
734	SANGAVI	11	F	7	P	40	PHS	F	36	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	40	147	64	18.51	0.44			
735	SHOBIKA	11	F	7	P	38	D	F	35	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	44	157	63	17.85	0.40			
736	PREETHI	11	F	7	P	41	PHS	F	30	HS	UE	F	P	1	4	UH	0	2	1	11.30	6.00	CLASS 3	52	154	71	21.93	0.46		OBESE	
737	HARINI NIVETHA	11	F	7	P	48	D	P	43	PHS	UE	F	P	1	4	H	2	0	O	12.00	4.00	CLASS 2	36	156	62	14.79	0.40			
738	POOJA	11	F	7	P	57	D	P	54	HS	UE	F	P	0	3	H	0	0	I	11.30	5.00	CLASS 2	40	150	63	17.78	0.42			
739	PRITHVI	11	F	7	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	42	155	62	17.48	0.40			
740	SRUTHILAKSHMI	11	F	7	P	43	D	P	40	D	SP	G	P	0	3	H	2	1	I	9.00	6.45	CLASS 1	50	146	73	23.46	0.50	OBESE	OBESE	OBESE
741	JANANI	11	F	7	P	43	HS	P	36	HS	UE	F	P	1	4	H	2	1	I	9.30	5.00	CLASS 2	37	145	63	17.60	0.43			
742	SWETHA	11	F	7	P	38	D	F	36	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	38	146	61	17.83	0.42			
743	DURGA	11	F	7	P	43	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 1	42	146	65	19.70	0.45			
744	SHARMILA	11	F	7	P	48	HS	S	45	PHS	UE	D	P	1	4	H	3	1	O	10.00	4.45	CLASS 2	42	156	62	17.26	0.40			

745	SHUBIKSHA	11	F	7	P	48	PHS	S	43	PHS	-	F	P	1	3	H	3	2	I	11.00	5.30	CLASS 3	42	148	70	19.17	0.47		OBESE	
746	SUJI	11	F	7	P	53	HS	P	47	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	45	156	64	18.49	0.41			
747	DEEPA	11	F	7	P	48	D	P	43	HS	UE	F	P	1	4	UH	2	1	O	12.00	4.30	CLASS 2	36	145	62	17.12	0.43			
748	DIVYA	11	F	7	P	50	D	F	41	PHS	UE	G	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	37	147	64	17.12	0.44			
749	MANISHA	11	F	7	P	50	D	F	42	D	SP	G	P	1	4	UH	0	0	O	11.30	5.00	CLASS 2	45	154	66	18.97	0.43			
750	HASMA	11	F	7	P	39	PHS	P	36	D	UE	G	P	1	4	H	4	1	O	10.30	4.00	CLASS 2	46	150	65	20.44	0.43			
751	AYSHA SAHANI	11	F	7	P	45	HS	P	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	35	156	61	14.38	0.39			
752	VEDHA	11	F	7	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	2	I	11.00	7.00	CLASS 2	49	152	71	21.21	0.47		OBESE	
753	ROSHIMI	11	F	7	P	42	D	P	37	D	UE	G	P	1	4	UH	2	2	O	10.00	5.00	CLASS 1	42	148	63	19.17	0.43			
754	NIKITHA	11	F	7	P	45	D	F	39	D	UE	G	G	1	5	UH	0	0	O	11.00	5.00	CLASS 2	33	140	61	16.84	0.44			
755	RESHMA	11	F	7	P	44	D	SP	42	D	UE	E	P	1	4	UH	1	1	O	11.00	4.00	CLASS 2	43	156	64	17.67	0.41			
756	ANJALIN	11	F	7	P	38	D	F	35	PHS	UE	G	P	0	3	UH	6	2	I	9.30	8.00	CLASS 2	50	146	73	23.46	0.50		OBESE	OBESE
757	GEETHANJALI	11	F	7	P	40	PHS	F	33	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	41	152	63	17.75	0.41			
758	SREYA	11	F	7	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	38	146	63	17.83	0.43			
759	SNEHA	11	F	7	P	40	PHS	F	38	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	46	159	64	18.20	0.40			
760	JANARAKSHA	11	F	7	P	40	PHS	F	35	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	60	150	76	26.67	0.51			
761	ABI NANDHANA	11	F	7	P	38	D	F	33	PHS	F	G	P	0	3	UH	6	2	I	9.30	8.00	CLASS 2	48	140	70	24.49	0.50	OBESE	OBESE	OBESE
762	HARISH	12	M	8	G	45	MS	F	42	MS	S	C	P	1	4	UH	3	2	O	11.00	6.00	CLASS 3	58	145	72	27.59	0.50	OBESE	OBESE	OBESE
763	ASHOKKUMAR	12	M	8	G	42	MS	S	36	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	33	143	59	16.14	0.41			
764	RAMACHANDRAN	12	M	8	G	48	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	40	149	65	18.02	0.44			
765	PREMNATH	12	M	8	G	43	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	43	154	64	18.13	0.42			
766	DHANAPAL	12	M	8	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	39	147	64	18.05	0.44			
767	GOBINATH	12	M	8	G	40	PS	S	33	PS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	44	156	66	18.08	0.42			
768	GOWTHAM	12	M	8	G	38	MS	S	32	MS	US	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 3	35	146	58	16.42	0.40			
769	GURUSAMY	12	M	8	G	39	D	F	35	MS	F	C	P	2	5	UH	3	2	2	10.30	6.30	CLASS 3	46	153	73	19.65	0.48		OBESE	
770	SEKAR	12	M	8	G	45	MS	SS	36	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	49	158	68	19.63	0.43			
771	VENKATESH	12	M	8	G	47	D	S	40	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	48	154	69	20.24	0.45			
772	BHARATHI	12	M	8	G	41	HS	S	38	PS	SS	B	P	1	4	UH	2	2	I	11.00	7.00	CLASS 4	49	157	74	19.88	0.47		OBESE	
773	RAJKUMAR	12	M	8	G	43	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	41	153	63	17.51	0.41			
774	MATHIAZHAGAN	12	M	8	G	44	PS	S	39	PS	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	42	153	65	17.94	0.42			
775	BOOPATHI	12	M	8	G	45	PS	UE	41	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	34	145	58	16.17	0.40			
776	ANDANI	12	M	8	G	48	PS	S	43	MS	S	B	P	2	4	H	3	2	O	10.00	4.30	CLASS 3	45	156	69	18.49	0.44			
777	PRABHAKARAN	12	M	8	G	36	PS	S	35	PS	UE	B	P	2	5	H	2	1	O	10.00	8.00	CLASS 4	48	156	68	19.72	0.44			
778	SARAVANAKUMAR	12	M	8	G	38	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	34	145	59	16.17	0.41			

779	PRAMESHWARI	12	F	8	G	42	PS	S	40	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	35	143	61	17.12	0.43			
780	ANANTHI	12	F	8	G	35	PHS	S	32	HS	S	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	39	146	64	18.30	0.44			
781	POTKODI	12	F	8	G	43	HS	S	38	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	40	147	66	18.51	0.45			
782	POOVINA	12	F	8	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	47	154	70	19.82	0.45			
783	GOMATHI	12	F	8	G	50	MPS	UE	47	PS	US	S	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	49	157	70	19.88	0.45			
784	CHITHRA	12	F	8	G	48	MS	S	45	PS	F	B	P	1	4	UH	5	3	I	11.30	6.30	CLASS 4	55	150	75	24.44	0.50	OBESE	OBESE	OBESE
785	KASTHURI	12	F	8	G	46	D	S	42	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	46	153	72	19.65	0.47		OBESE	
786	NIRMALA	12	F	8	G	43	PHS	S	40	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	46	160	63	17.97	0.39			
787	RADHAMANI	12	F	8	G	48	MPS	P	41	PS	US	C	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	43	146	60	20.17	0.41			
788	NIKILA	12	F	8	G	37	HS	S	31	HS	S	C	P	0	5	UH	1	1	I	9.45	7.00	CLASS 3	38	149	63	17.12	0.42			
789	KALPANA	12	F	8	G	39	PS	S	33	MS	S	B	P	1	3	H	3	2	I	10.00	6.30	CLASS 4	48	146	74	22.52	0.51		OBESE	OBESE
790	SHINY	12	F	8	G	40	MS	S	38	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	43	150	66	19.11	0.44			
791	SANJANA	12	F	8	G	37	D	P	35	PHS	S	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	40	163	64	15.06	0.39			
792	KAVITHA	12	F	8	G	39	PHS	S	38	MS	S	C	P	1	4	H	1	1	O	9.30	5.30	CLASS 3	33	142	60	16.37	0.42			
793	MALATHI	12	F	8	G	38	MS	S	35	MS	UE	C	P	0	3	UH	2	1	I	9.30	6.00	CLASS 3	47	154	69	19.82	0.45			
794	SATHYA	12	F	8	G	49	MPS	S	47	PS	US	S	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	43	155	62	17.90	0.40			
795	INDRANI	12	F	8	G	38	PHS	US	35	MS	US	B	P	1	6	UH	4.3	2	I	10.00	7.00	CLASS 4	56	147	74	25.92	0.50	OBESE	OBESE	OBESE
796	MARRISH	12	F	8	G	37	PS	US	35	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	41	148	67	18.72	0.45			
797	GEETHARANI	12	F	8	G	33	PS	US	32	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	45	155	68	18.73	0.44			
798	KALYANI	12	F	8	G	40	MS	US	35	MHS	UE	B	P	1	6	UH	4	2	I	11.00	7.00	CLASS 4	50	154	73	21.08	0.47		OBESE	
799	GEETHAMANI	12	F	8	G	36	MS	S	33	HS	S	C	P	1	4	H	0	0	O	9.00	6.00	CLASS 3	45	155	68	18.73	0.44			
800	RAJAMANI	12	F	8	G	37	PHS	S	35	HS	S	B	P	2	5	H	0	0	I	11.00	6.00	CLASS 3	41	148	67	18.72	0.45			
801	RAJESWARI	12	F	8	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	41	144	61	19.77	0.42			
802	RASHITHA	12	F	8	G	45	MS	US	41	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	47	154	70	19.82	0.45			
803	RAMYA	12	F	8	G	45	HS	F	44	PS	UE	C	P	1	4	UH	1	1	I	10.00	6.30	CLASS 3	42	149	65	18.92	0.44			
804	RAGAVI	12	F	8	G	42	PHS	S	39	HS	S	C	P	1	4	UH	2	1	I	10.15	6.45	CLASS 3	44	151	70	19.30	0.46			
805	SINSHYA	12	F	8	G	50	HS	S	45	HS	UE	C	P	1	7	UH	1	1	I	11.00	5.00	CLASS 3	43	154	66	18.13	0.43			
806	STEFI	12	F	8	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	5	2	I	10.30	6.00	CLASS 4	49	155	73	20.40	0.47		OBESE	
807	SHOBANA	12	F	8	G	45	D	S	35	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 4	43	155	66	17.90	0.43			
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809	BHUVANESHWARI	12	F	8	G	42	PHS	F	37	HS	S	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	34	142	59	16.86	0.42			
810	AMUTHA	12	F	8	G	37	HS	SS	36	PHS	UE	B	P	1	5	UH	2	1	I	11.00	4.00	CLASS4	47	154	69	19.82	0.45			
811	DEVIPRIYA	12	F	8	G	37	PHS	S	32	HS	UE	C	P	1	5	UH	2	1	I	8.00	6.00	CLASS 3	45	156	68	18.49	0.44			
812	POONGAVANAM	12	F	8	G	51	MS	US	48	MS	US	B	P	1	6	UH	3	1	O	9.00	6.00	CLASS 4	40	152	67	17.31	0.44			

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817	MANJULA	12	F	8	G	38	PHS	S	37	PHS	S	C	P	1	5	UH	3	1	I	11.00	6.30	CLASS 3	48	146	74	22.52	0.51		OBESE	OBESE
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825	SREEJA	12	F	8	P	45	HS	P	42	D	UE	F	P	0	3	UH	6	2	I	11.00	7.00	CLASS 2	58	155	79	24.14	0.51	OBESE	OBESE	OBESE
826	SASHMITHA	12	F	8	P	38	D	F	36	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	47	154	68	19.82	0.44			
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858	AMIRTHA	12	F	8	P	42	PG	F	35	HS	S	G	P	0	3	UH	3	3	I	10.00	6.00	CLASS 2	44	154	72	18.55	0.47		OBESE	

A Dissertation on

STUDY OF PREVALENCE OF OBESITY IN 11 – 15 YEARS OF SCHOOL GOING CHILDREN

Dissertation submitted

In Partial Fulfillment of regulation for the award of

M.D. Degree in Pediatric Medicine

Branch - VII

COIMBATORE MEDICAL COLLEGE

COIMBATORE, April 2016

DECLARATION

I Declare that this dissertation entitled "**The Prevalence of Obesity in 11 – 15 Years of School Going Children**" has been conducted by me in Schools in Coimbatore District under the guidance and supervision of my guide Dr.V.Suganthi, M.D., DCH. It is submitted in part of fulfillment of the award of the degree of MD Pediatrics for the April 2016 examination to be held under The Tamilnadu Dr.M.G.R Medical University, Chennai. This has not been submitted previously by me for the award of any degree or diploma from any other university.

DATE :

PLACE:

DR.A.ARUNTHATHI

CERTIFICATE

Certified that this dissertation entitled " **Study Of Prevalence Of Obesity In 11 – 15 Years Of School Going Children"** is a bonafide work done by **Dr. A.Arunthathi M.D.,** Post graduate student of Pediatric Medicine, Coimbatore Medical College & Hospital, Coimbatore – 641018 during the academic year 2013 – 2016.

Date :

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Name of the Candidate : DR. A. ARUNTHATHI

Course : MD PAEDIATRICS

Period of Study : 2013 - 2016

College : COIMBATORE MEDICAL COLLEGE

Dissertation Topic : STUDY OF PREVALENCE OF OBESITY IN 11-15 YEARS OF SCHOOL GOING CHILDREN

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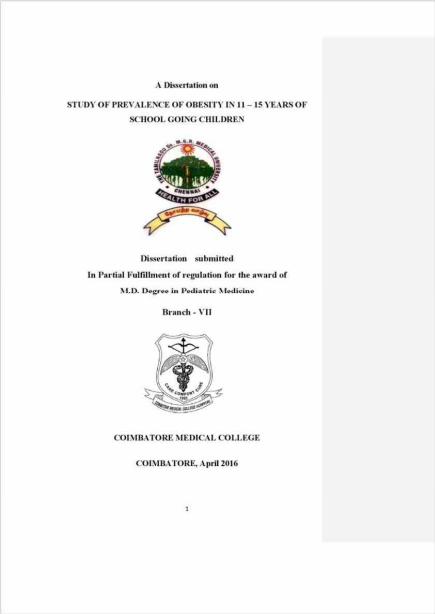

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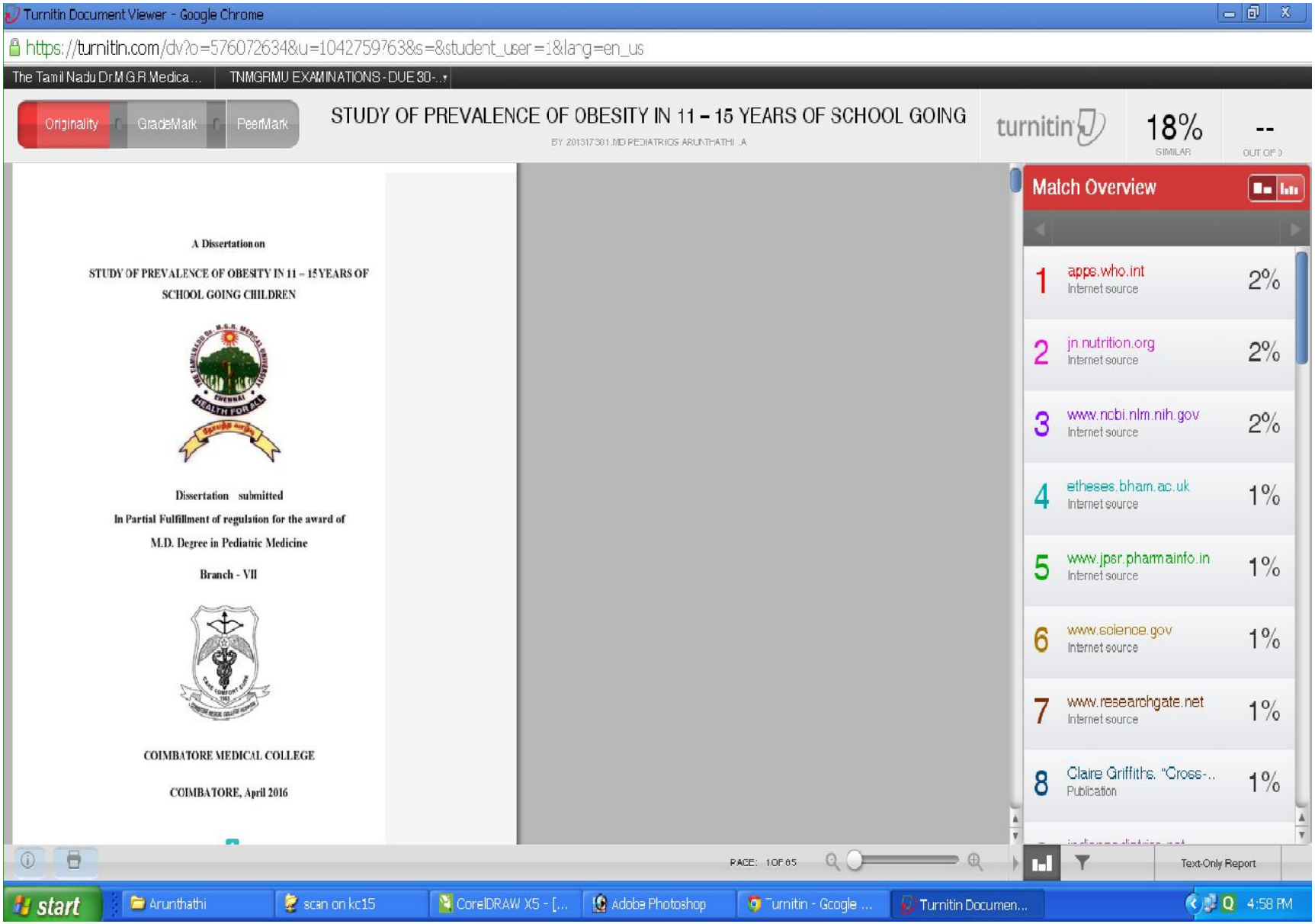
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DR. ARUNTHATHI

ABBREVIATION

WC	-	Waist Circumference
BMI	-	Body Mass Index
WHR	-	Waist Height Ratio
US	-	United State
UK	-	United Kingdom
NCD	-	Non Communicable Disease
NAFLD	-	Non Alcoholic Fatty Liver Disease
IOTF	-	International Obesity Task Force
WHO	-	World Health Organisation
CDC	-	Centre for disease control and prevention
CVD	-	Cardio Vascular Disease
SES	-	Socio Economic Status
NCHS	-	National Centre for Health Statistics

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INTRODUCTION

Childhood obesity is emerging as a serious public health problem of the 21st century[1]. Hence there is widespread concern in the increase of overweight and obesity especially in children in developed and developing countries as it is considered to be one of the precursors of adverse health effects occurring in adulthood. In both developed and developing countries the prevalence of obesity is increasing and hence has become a major health issue. In both US and UK, the prevalence of obesity in children has increased significantly to about 16 – 20% [2.]. Until the 1980s, the developing countries were with the lowest rates, but now it has gradually increased in children.

Data for both overweight and obesity prevalence among children in many countries in South Asia is available: 25.0% among children from 2 to 15 years in Bangladesh and 22.0% among children from 5 to 19 years in India. Moreover, secular trends indicate increasing prevalence rates in these countries: for example, 9.8 to 11.7% among children from 5 to 19 years in India during 2006–2009[3, 4,5]. In recent times, developing countries have also reported an increasing incidence of obesity.

Various studies have documented the prevalence of obesity in both children and adolescents to be 12 – 29% in different parts of India [6,7]. Recently, Kumar et al. in a study on preschool children from urban south

India have reported that 4.5% of the children were overweight while 1.4% of them were obese[8]. However, most of these studies are region-specific and have a smaller sample size. To investigate the trend in obesity in Indian children, it is necessary to assess a large sample representing different regions of India.

There is a great need for studying obesity in Indians because of the fact that there is an increase in type2 diabetes and coronary heart disease in Indian adults, especially in urban areas[9]. This epidemic has been attributed to a thrifty genotype which had helped survival in the past when there was scarce and irregular food supply, and has now led to obesity and insulin resistance in modern days where there is excess and regular food supply [10]. Recent studies have shown that Indians for a given BMI have a higher percentage of body fat when compared with other white Caucasians, Americans, and African Indians and in addition also have lower muscle mass [11]. Thus the risk of adult morbidity especially cardiovascular and mortality that might follow childhood-onset obesity is considerably high and is of great significance to public health. So it is important that policy makers are aware and have information about the prevalence and trend of obesity.

Childhood obesity is thus a serious medical condition that affects children and adolescents. It occurs when children are well above the normal weight and height for his or her age. It is particularly troubling because the

extra kilograms gained lead to health problems in children that were once confined to adults, such as diabetes, high blood pressure, psychological issues and high cholesterol. It can also lead to poor self-esteem and even depression[12]. One of the best ways to reduce obesity in children is to improve the diet and exercise habits of the entire family. Thus Treating and preventing obesity in children, protect the health of them now and also in the future[13].

Obesity is now emerging as a common nutritional disorder, particularly among the affluent, worldwide. Obesity may be described as a condition which is characterised by excessive fat deposition in the body. It usually results when food is consumed in excess of one's physiological needs[14].

Obesity in general is defined as the presence of excessive adipose tissue in the body to such an extent that it may lead to health hazards (Prenticeet al.2001;Rossner 2002). It is not a single disease but a heterogeneous group of conditions associated with multiple causes. Thus body weight is determined by interactions between genetic environmental, psychological factors which act through physiological mediators of energy intake and energy expenditure. Even in India, malnutrition had attracted the focus of health workers because childhood obesity in children is increasingly being observed due to the changing lifestyle of the families who have an increased purchasing power, increasing hours of inactivity because addiction

to television, computer and videogames which have replaced outdoor games and other available social activities (Singh and Sharma 2005)

Globally, it is estimated than 10 percent of school children of 5-17 are overweight/obese (Childhood Obesity-the Global Picture 2006). The prevalence of obesity in children has increased over the past few decades and its statistics are alarming. The prevalence and etiology behind childhood obesity may vary according to an individual's lifestyle and socio-economic status. Most of the reports with regards to childhood obesity are from studies conducted at metropolitan cities in India[15].

In this study, obesity in 11-15 years of school children in Coimbatore district is estimated using BMI, WC and WHR. By estimating obesity through waist circumference, central obesity which is a well known risk factor for cardiovascular disease in adults is identified. The risk factors which are associated with increase of obesity is also studied. In this study the prevalence of obesity in Coimbatore when compared with other cities and prevalence of obesity in males, females, private and government schools, and other associated risk factors is studied.

AIM OF THE STUDY

To estimate the prevalence of obesity using Body mass index, waist circumference and waist height ratio of urban school children in the age group of 11 –15 years.

OBJECTIVE

PRIMARY OBJECTIVE

To estimate the prevalence of obesity in 11-15yrs of urban school children using body mass index, waist circumference and waist height ratio.

SECONDARY OBJECTIVE

To identify the risk factors for developing obesity

To compare BMI, waist circumference and waist height ratio in estimating the prevalence of obesity

REVIEW OF LITERATURE

DEFINING CHILDHOOD OBESITY

Obesity is defined as excess adipose tissue in the body. Giving specific definition for obesity is difficult.[16.] According to IAP growth chart committee, BMI charts which are presented are based on methods used by IOTF[17]. The 23 and 27 cut offlines equivalent of adult overweight and obesity are much more appropriate for using in Asian children as Asians are predisposed to have more adiposity and also have increased risk for developing cardio metabolic problems at a lower BMI [18].

According to a study done in urban South Indian children aged 3-16 yrs by St.Johns National Academy Of Health Sciences, the 75th percentile of waist circumference is recommended to be used as an "action point" for Indian children to identify obesity until a large scale percentile data is available in India[19].

For the WHT ratio, the cut-off of 0.5 is recommended to identify obesity[20]. BMI is agreed to be used as a reliable indicator which correlates well with body fat estimation.

BMI : ESTIMATION IN CHILDREN

The use of BMI for defining overweight and obesity in children is more challenging than in adults as there is variation of BMI with age and sex[21], and its relationship to body fat is also unclear.

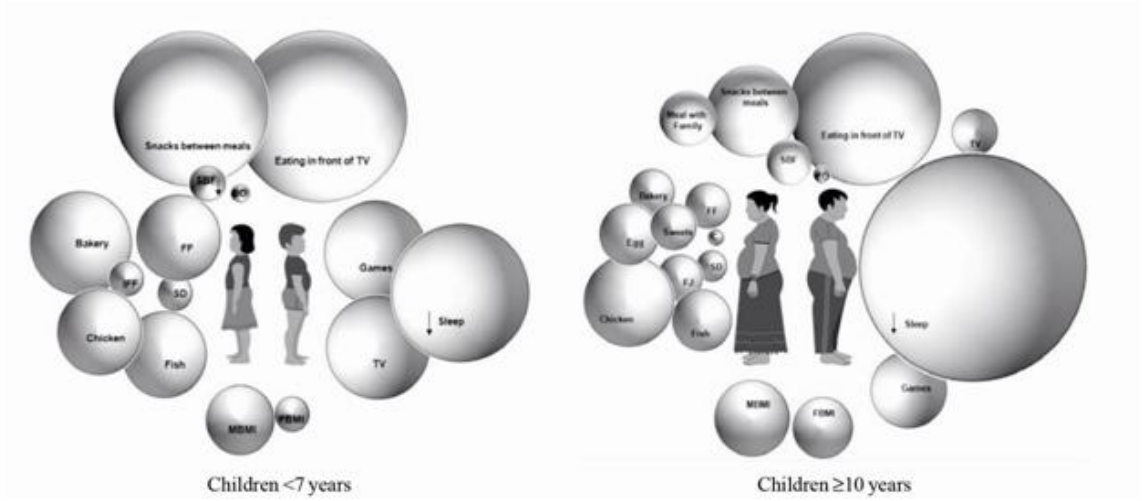
$$\text{BMI} = \frac{\text{WEIGHT IN KG}}{\text{HEIGHT IN M}^2}$$

It has also been suggested that the contributions of body fat and also fat free mass to BMI has changed over time, especially in children, thus resulting in an underestimation of the prevalence of obesity in epidemiological studies using only BMI[22,23.] Added to this, the association of BMI with later morbidity and mortality is also less clear in children when compared to adults in that there is no particular threshold of BMI above which children can be predicted to have an increased risk [24].

WAIST CIRCUMFERENCE IN CHILDREN:

To overcome the disadvantages of BMI, waist circumference can be used for estimation of obesity. WC correlates better with visceral adiposity in kids though it sometime increases because of subcutaneous fat deposition. There are many studies which show that waist circumference is a good predictor for CVD risk and other complications[25].

Figure : 1 Factors related to increasing waist circumference



WAIST HEIGHT RATIO IN CHILDREN:

WHR is also associated significantly for identifying obesity [26,27]. Some studies done in European and Asian children found the waist-to-height ratio to be superior to BMI in predicting the cardiovascular risks [28].

$$\text{WHR} = \frac{\text{WAIST CIRCUMFERENCE IN CM}}{\text{HEIGHT IN CM}}$$

Both the height and waist circumference increase continually in children as they age, the value of 0.50 was suggested to be an appropriate cut-off point for all age groups of children [29]. WHR is considered to be more sensitive than WC in different populations as it adjusts to different statures [96] and also because of the negative correlation of height and its association to certain metabolic risk factors [30]. The health risks for Asian children begin to increase even for smaller amounts of central fat and smaller waist

circumferences when compared with their European counterparts [31]. This explains the reason why there is a decrease in the WHR cut off used for Indian children.

The anthropometric indices which predict central obesity include WC, WHR and WAIST HIP RATIO. There are many studies which show these are associated with CVS and other metabolic diseases in children. In India measurement of waist circumference is not commonly practiced. Most of the studies based on central obesity and its indices and percentiles have been done in developed countries like Europe and US[32-35]. In Asia, especially in the Middle East and South East children WC percentile has been studied[36-38.] But in India especially in this part of the country data on this is scarce .This study estimates obesity in Coimbatore by using parameters like WC and WHR which predicts abdominal obesity when compared with BMI.

They are simple alternative measure and pediatric primary care practicians and use it for assessing central obesity[39].

CHILDHOOD OBESITY PREVALENCE:

THE GLOBAL PREVALENCE

The prevalence of obesity estimated across the world has increased in the last three decades and is now being recognized as a global threat to health[40,41,42] There could even be an underestimation because the availability and the

quality of prevalence estimates vary[43]. The prevalence of obesity in children is increasing rapidly worldwide[44]. We know that obesity is associated with several risk factors for later development of heart disease and other chronic diseases like hyperlipidaemia, hypertension, hyperinsulinaemia and early atherosclerosis[45,46]. The above said risk factors may operate through an association between child and development adult obesity and they may also act independently[47]. Worldwide, obesity trends are considered to be a serious public health concern because in many countries it is threatening the viability of the basic health care delivery system. Obesity is also an independent risk factor for the development of cardiovascular diseases and significantly increases both the risk of morbidity and mortality[48]. In the last two decades we have witnessed an increase in health care costs because of obesity and its related issues in both children and adolescents.

This has emerged as a global phenomenon which affects all socio-economic groups, irrespective of age, sex or ethnicity. Childhood obesity has thus become a serious public health challenge now and in the near future. Thus the prevalence of obesity is an upcoming major public health problem. Until the 1980s, the developing countries were with the lowest rates, but since then overweight and obesity prevalence have gradually increased in children. The global prevalence of overweight and obesity in children aged 5-17 years is 10% and this global average covers a wide range

of prevalence levels in different regions and countries with above 30% in America and below 2% in Sub Saharan Africa[49,50]. Further, projections in the year 2010 for estimated prevalence of overweight and obesity in school age children (aged 5-17 years) are at 46% in America and below 5% in Africa. For children between 5-17 years in this regional prevalence data on overweight and obesity are currently unavailable [51]. However, data for both overweight and obesity prevalence among children in different South Asia countries are available: 25.0% among children from 2 to 15 years in Bangladesh and 22.0% among children from 5 to 19 years in India. Moreover, secular trends indicate increasing prevalence rates in these countries: for example, 9.8 to 11.7% among children from 5 to 19 years in India during 2006–2009 [52]. In recent years, the increase in obesity has led this to become one of the major issues affecting the Indian health system.

Figure :2 Past and projected future overweight rates

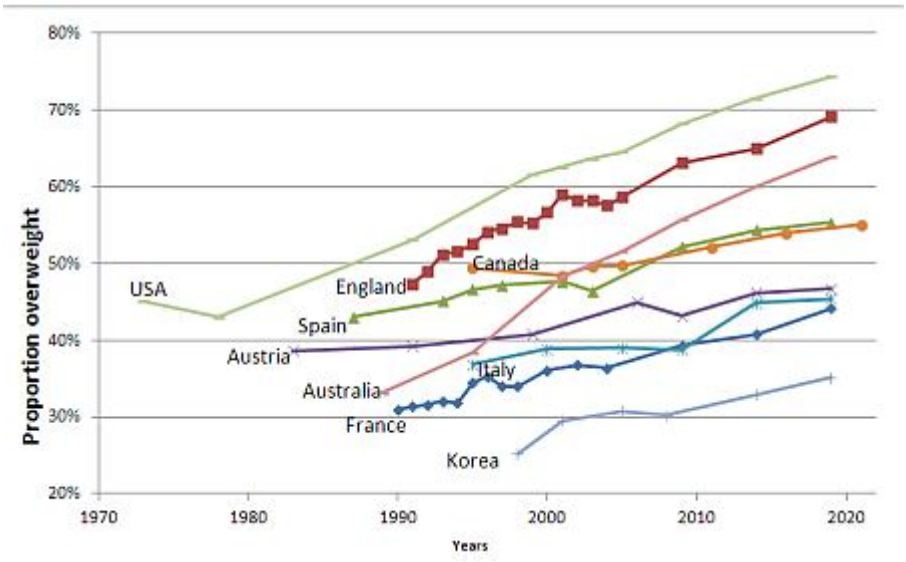
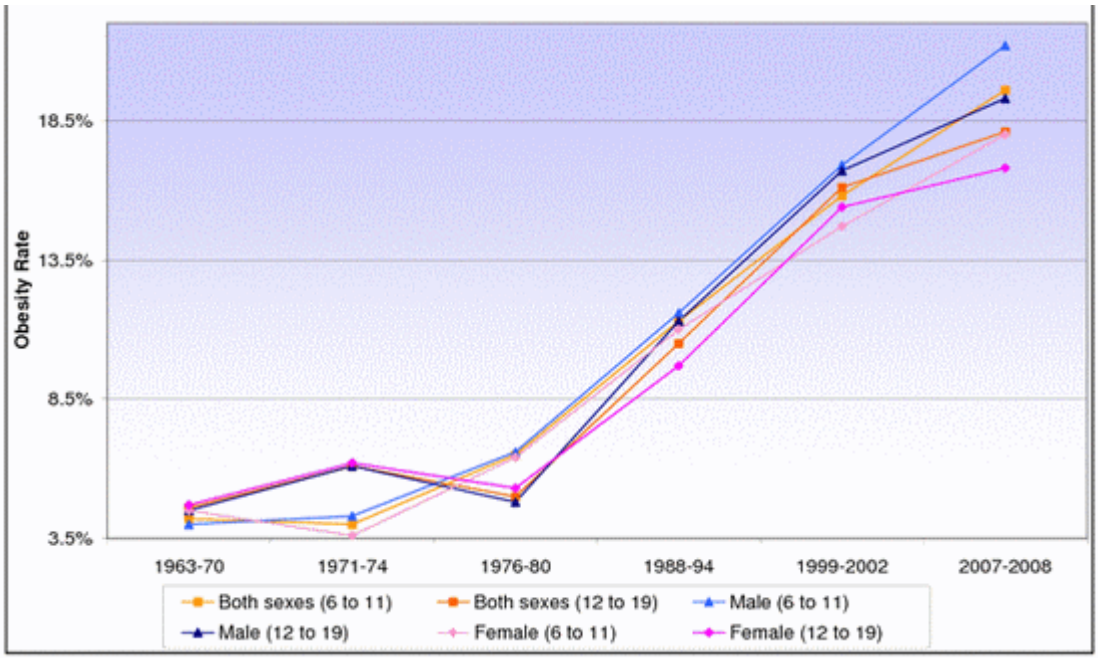


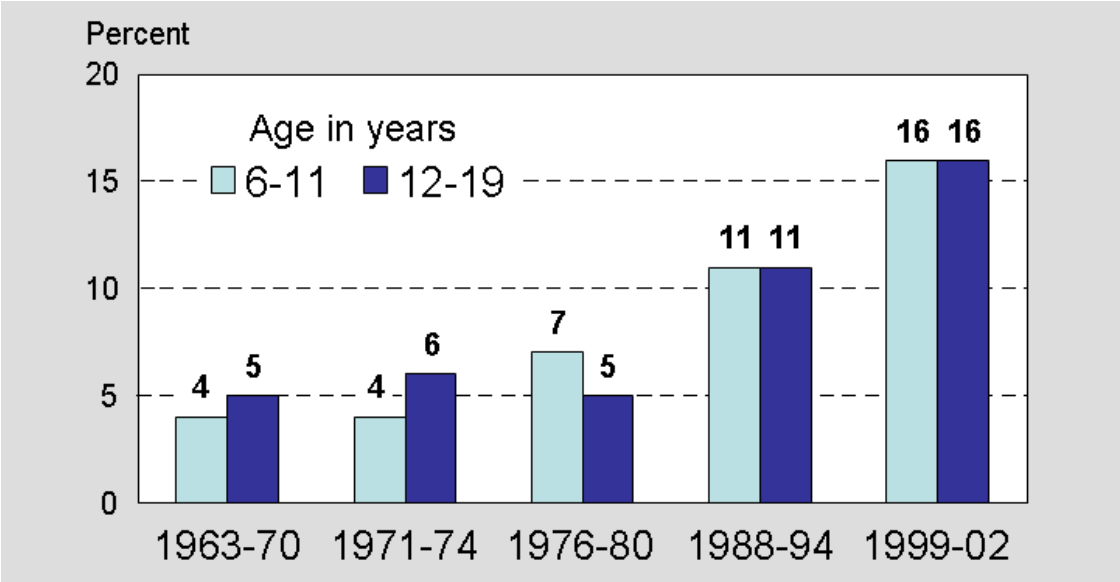
Figure : 3 Child Obesity Statistics



PREVALENCE IN INDIA:

Various studies have documented the prevalence of obesity in children and also in adolescents to be 12 – 29% from different parts of India [53,54]. Recently, Kumar et al. in a study on preschool children from urban south India have reported that 4.5% of children were overweight while 1.4% of children were obese.

Figure :4 Prevalence of Overweight among 6-19 Years



OBESITY IN CHILDREN AND SOCIO-ECONOMIC STATUS:

The relationship between obesity and socio-economic status (SES) rises across different population and is not consistent. In the developing world the increase in obesity in children is associated with increase in income and food availability and also when there is decrease income leading to unhealthy food practices and this shows a complex relationship between obesity and SES[55].

TRACKING OBESITY IN CHILDREN INTO ADULTHOOD:

Taken overall, the evidence based on research suggests that childhood obesity, which is established before adolescence, is a strong risk factor for development of adult obesity[56]. Hence we can logically conclude that preventing the development of obesity in childhood is essential and will have

a knock-on effect of reducing the risk of obesity in adulthood and obesity related other health consequences.

CHILDHOOD OBESITY AND ITS HEALTH CONSEQUENCES:

Obesity is associated with physical complications as described below and also psychological consequences[57].

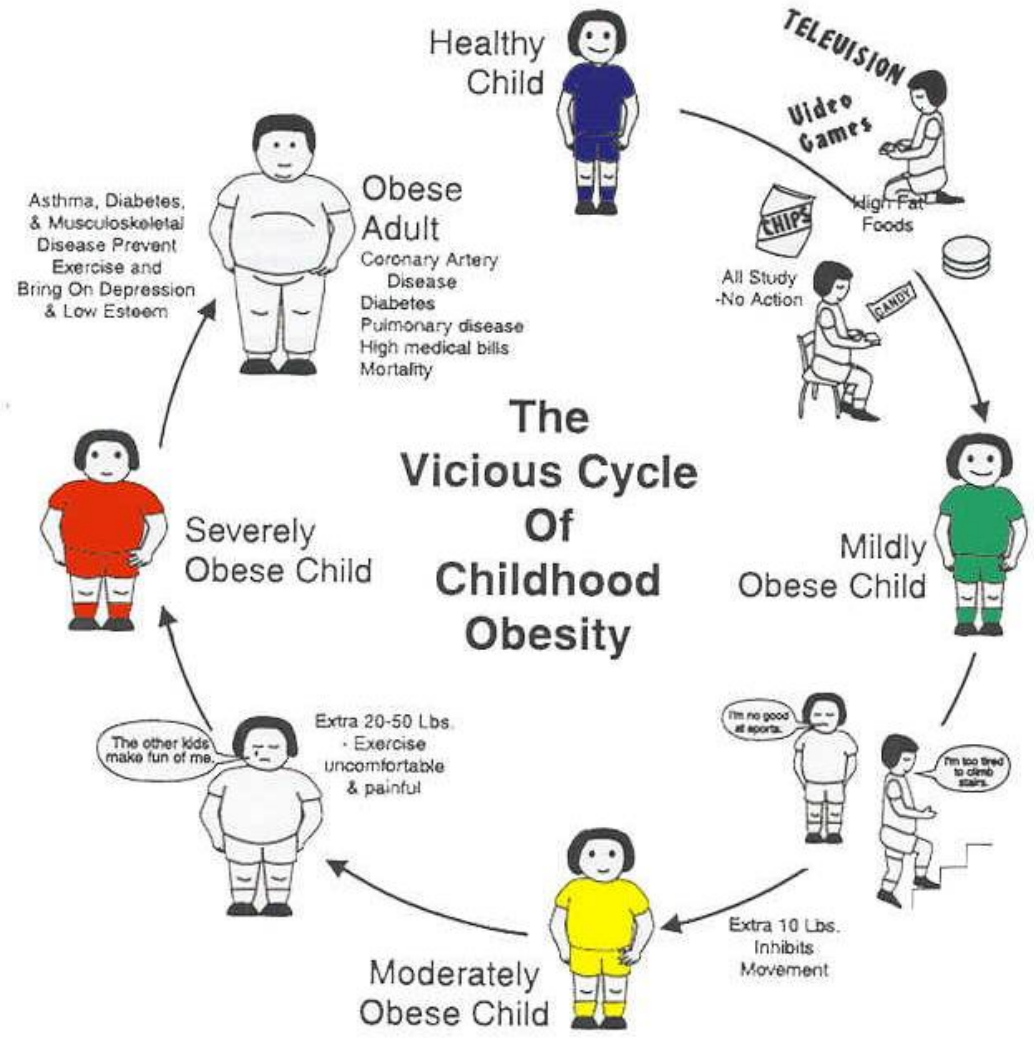
Table - 1 Physical health consequences of childhood overweight and obesity

Organ system	Condition
Cardiovascular	Hypertension Abnormal lipid profiles Atherosclerosis Left ventricular hypertrophy
Endocrine	Insulin resistance/abnormal glucose metabolism Type 2 diabetes Menstrual abnormalities Polycystic ovary syndrome
Gastroenterological	Nonalcoholic fatty liver disease Gastro-oesophageal reflux Gallstone development
Pulmonary	Asthma Sleep-associated breathing disorders
Orthopaedic	Slipped capital femoral epiphysis Genu valgum Tibia vara Flat feet Low back pain Scoliosis Osteoarthritis
Neurological	Idiopathic intracranial hypertension
Dermatological	Acanthosis nigricans

PSYCHO SOCIOLOGICAL STIGMA:

Many studies have found that children negatively stereotype overweight and obesity. Stigma such as criticism by parents, weight related teasing all lead to body dissatisfaction and poor self esteem[58].

Figure : 5 Vicious Cycle of Childhood Obesity



AETIOPATHOGENESIS OF CHILDHOOD OBESITY :

Aetiopathogenesis of obesity is multi-factorial and includes many factors like genetic, environmental, socio-cultural factors, neuroendocrine, metabolic and psychological[59].

There have been important developments and many factors which have evolved in controlling appetite like OrexinA, Ghrelin and other endogenous cannabinoids have been identified[60]. There is also a new concept called non exercise activity thermogeniens which provide us new perspectives on this energy expenditure. While adipose tissue is now being recognized as an important organ, by secreting leptin and other adipokines by which it communicates with brain and other peripheral tissues. Now adiponectin is considered to be a key hormone which is a protein factors released by white adipose tissues. Many cytokines and chemokines have been identified along with other inflammation related proteins as obesity also characterized by mild inflammation.

Leptin, a 16,000 MW cytokine-like protein, is a basic hormonal sign from adipocytes in the regulation of voracity and vitality parity, cooperating with a few hypothalamic orexigenic and anorexigenic pathways[61-64]. Consequently, the neuropeptide Y, melanin-concentrating hormone, orexin A, agouti-related peptide, and cannabinoid frameworks have each been accounted for to be repressed by leptin. Interestingly, the key anorexigenic

frameworks of master opiomelanocortin/ melanocortin, cocaine-and amphetamine-controlled transcript, and corticotrophin-discharging hormone are unregulated by the hormone. These different impacts of leptin result in a capable concealment of nourishment admission. Notwithstanding repressing admission, leptin assumes a part in the regulation of vitality use; a powerful illustration of this originates from overfeeding studies on typical and ob/ob mice. In one study, incline mice sustained a "cafeteria diet" gorged by 70% in vitality terms with no extra vitality affidavit; this is a capable outline of the quite faced off regarding marvel of eating regimen affected thermogenesis. Fortunately, in this specific study, the vitality admission of the incline mice bolstered the cafeteria eating regimen was the same as that of ob/ob mice sustained a standard lab diet[65].

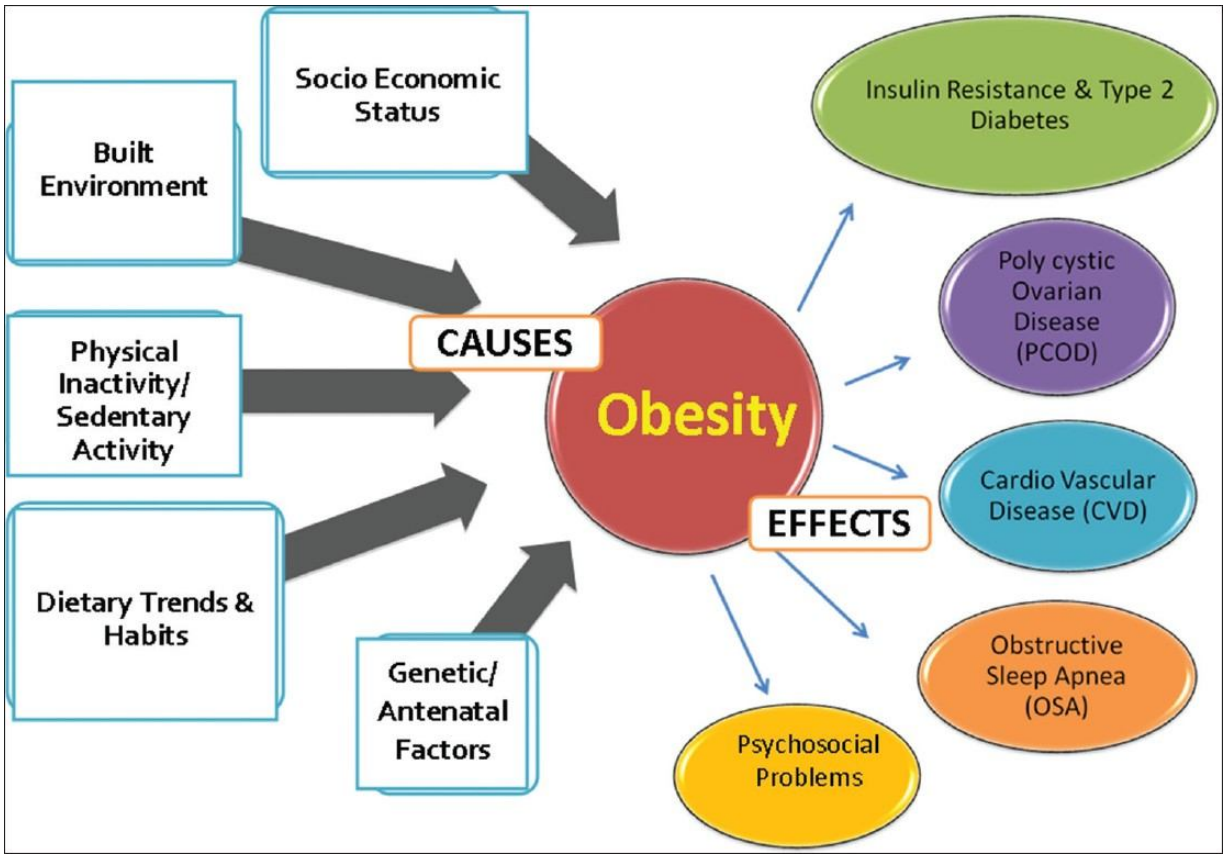
On the other hand, the rate of vitality testimony of the fat was 3 times that of the incline. In this manner, the ob/ob mutants lacking practical leptin had an enormously lessened limit for eating regimen incited thermogenesis. Adipokines, the ID of leptin prompted the acknowledgment that white fat is an imperative endocrine organ. For sure, it is currently obvious that white adipocytes emit a multiplicity of protein flags and variables termed adipokines. The differences of the adipokines are impressive, as far as both protein structure and capacity. The adipokines include established cytokines (e.g., TNF-cx, IL-6), chemokines (e.g., monocyte chemoattractant protein-1

[MCP-1]), proteins of the option complement framework (e.g., adipsin), and proteins included in vascular hemostasis (e.g., plasminogen activator inhibitor-1 [PAI-1]), the regulation of pulse (angiotensinogen), lipid digestion system (e.g., cholesteryl ester exchange protein, ret□inol tying protein), glucose homeostasis (e.g., adiponectin), and angiogenesis (e.g., vascular endothelial development variable [VEGF) typical LDL molecule.. Resistin is another hormone emitted by fat tissue, which brings about insulin resistance and weight related sort 11 diabetes. Leptin, the result of Ob quality has no part in the insulin resistance associated with heftiness. Heftiness does not come about because of a solitary element[66-68].

Social, behavioral and biologic variables control the vitality admission and consumption. Hereditary and hormonal elements add to individual weakness. It has been set up certain that an abdominal area fat conveyance presents a more prominent metabolic and wellbeing danger than a lower muscle to fat ratio dissemination. The part of FFA in the genesis of the metabolic disorder of stoutness has additionally been built up past doubt. Adipose tissue is presently given the status of an organ. It, truth be told, is having significant capacities than already suspected. It mirrors the store sustenance on board and absence of fat tissue is connected with diminished work productivity, menstrual and ripeness issue and psychosocial issues. The number and size of fat tissue increments amid growth and outset. This

proceeds in adolescence at a moderate pace. In adulthood, in many people, the fat tissue is generally stable. It is to be noted that fat tissue is likewise given the status of an endocrine organ. It secretes a 16 kD protein called leptin in extent to the size and number of fat cells. The OB quality encodes this protein. It courses bound to tying proteins and crosses the blood-cerebrum hindrance. It appends to OB receptors in the hypothalamus and choroids plexus and sends various signals that outcome in hunger regulation, nourishing conduct and upkeep of body weight. It additionally impacts quality expression and emission of neuropeptide Y (NPY). NPY is an intense stimulator of sustaining [69-70].

Figure : 6 Obesity Causes and Effects



BIOLOGICAL CAUSES:

A few percentage is said to be from identifiable causes such as hormonal, syndromic, neurological, or single gene defect conditions[71]. Apart from this some children display a genetic predisposition to obesity, which has been studied in few twins[72].

ENVIRONMENTAL CAUSES:

There is an indirect association between the environmental influence and the risk of developing obesity. Obesity rates are high in urban areas, because of the change in lifestyle such as deserved physical activity and increased consumption of food which is energy dense [73,74.] There also no safe are for children to play outside and the infracture do not support walking. The pressure on children to only study along with the decrease in physical education classes conducted in schools has also lead to an increase in obesity. These factors have become important in terms of public health action and many studies are now focusing on above explained parameters. Some studies have also explained that obesity is increasing in low income group also because they do not provide nutritious meal to children and they do not have access to fresh food[75]

PREVENTION OF OBESITY IN CHILDREN:

Some of the preventive measures adapted are limited consumption of sugar drinks, encouraging diets which are rich in fresh fruits and vegetables, limiting screen viewing time less than 2 hours per day, having a compulsory breakfast, family meal should be encouraged, increase in physical activity[76].

The below are some of the models used for prevention which are actat various levels

Figure : 7 Ecological Model for Health Promotion

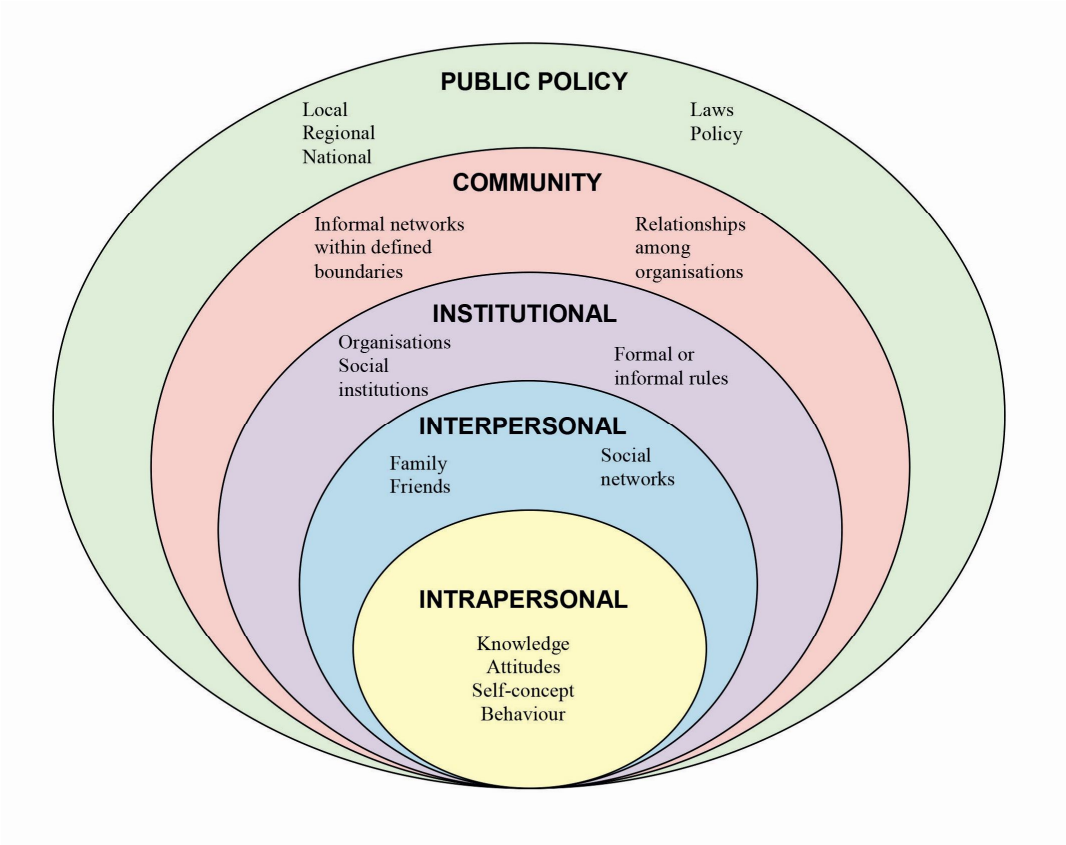
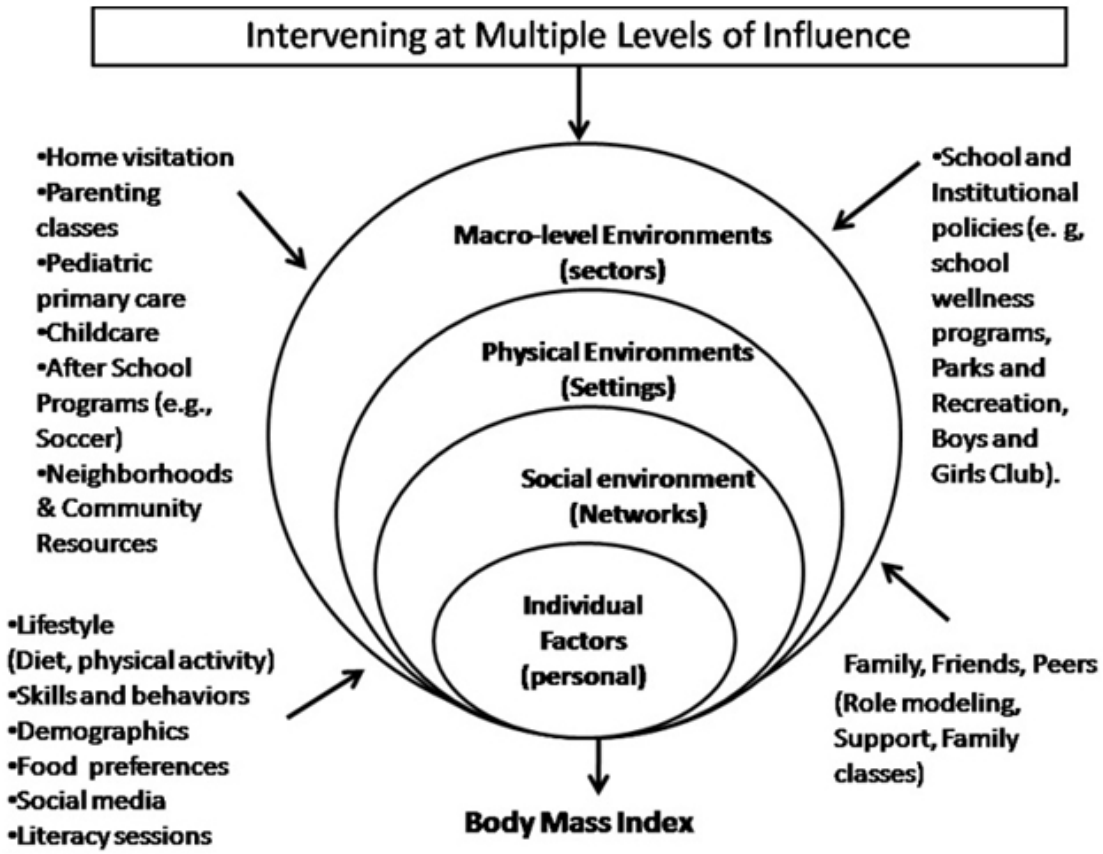


Figure : 8 Intervening at Multiple Levels



STUDIES PERTAINING TO THIS TOPIC

Savva SC, Tornartis M, Savva ME did a study on waist circumference and waist-to-height ratio to be better predictors of cardiovascular disease risk factors in children than body mass index. They stepwise multiple regression analysis for their studies and found that waist circumference was the most significant predictor among all variables for both boys and girls, whereas BMI had the lowest predictive value[77].

In 2006, a Cross-Sectional Comparison of BMI and Waist Circumference in British Children by McCarthy HD[1], Ellis SM, Cole TJ was conducted to compare WC, BMI, and WHR data in three different samples of children to study the prevalence of obesity. In their study, the proportion of children who were classified as overweight had not changed significantly using all the measures; however the children who were classified as obese increased by fourfold. This data provides us a strong case for questioning the current interpretation and the use of BMI and WC and highlights the need for better understanding the relationship between both and the changes associated with growth during childhood and the associated health risk. During the past 10-20 years, trends in WC have greatly exceeded when compared with BMI, particularly in girls, and this shows that BMI is a poor proxy for central fatness. BMI has therefore systematically underestimated the prevalence of obesity in children and adolescents[78].

A cross-sectional study from Madras Diabetes Research Foundation by Sonya Jagadesan, Ranjani Harish was done to estimate obesity in children in Chennai, India, and they observed that the prevalence of overweight/obesity was significantly higher in private schools when compared to government schools and was also higher among girls (IOTF: 18%, Khadilkar: 21.3%) compared to boys (IOTF: 16.2%, Khadilkar: 20.7%) , and higher among adolescents (IOTF: 18.1%, Khadilkar: 21.2%) when compared to children (IOTF: 15.5%, Khadilkar: 20.7%)[79].

A study in London by Wardle obesity at the time of transition from childhood to adolescence, found that overweight/obesity which was estimated by using both BMI and waist circumference) present around age of 11years was highly likely to persist to the age of 15[80].

NEED FOR STUDY

The present prevalence of overweight and obesity in India is 11- 29-%. Obesity has been declared as a global pandemic that constitutes one of the leading future threats to public health. In people of South Asian origin, central obesity alone is a powerful predictor of morbidity and mortality for a number of chronic diseases. Globally, it has been estimated that three out of ten children aged between 2 and 15 are considered to be overweight or obese, as per the latest statistics[81-83]. However this is mainly based on measurement program done by schools which uses Body Mass Index which is plotted on a growth chart where the age is also taken into account. Now experts have said

that this leads to an underestimation of the childhood obesity problem as it does not account where the children carry the extra weight on their body. If WC is used along with BMI, then four out of ten children would become classified as either overweight or obese[84]. Fat around the middle has to be considered as most hazardous to health as it increased the risk for development of type 2 diabetes, which is missed by BMI. So the purpose of this study is to estimate the prevalence of obesity using BMI, waist circumference and waist/ height ratio in assessing the prevalence of obesity. Obesity in children and adolescents is now a major public issue even in developing countries, including India. There is a chance that one-half of these obese school children might become obese adults. Whether or not obesity persists into adulthood, even in childhood obesity, is also associated with an increase in the risk of subsequent morbidity[85]. This shows the Significance of estimating the prevalence of obesity in children which cannot be overemphasized. There are only few studies which report the prevalence of childhood and adolescent obesity and overweight in the different parts of India such as (Punjab, Maharashtra, Delhi and South India) and the percentage range from 3% to 29%, and this indicates in urban areas the prevalence is high when compared to rural areas. Worldwide a controversy is going on regarding childhood obesity. It is more prevalence in India. I have seen many obese children and have wondered about the causes. That is the reason which influenced me to do this research on my statement problem.

MATERIALS AND METHODOLOGY

STUDY DESIGN

This study is a school-based, descriptive, cross-sectional study.

STUDY PERIOD

The study was carried out over a period of twelve months, from July 2014 to July 2015.

ETHICS

The study was approved by the Ethical Committee of Coimbatore Medical College Hospital and informed consent was obtained from Chief Educational Officer (Coimbatore Corporation) and also from the School Principal and participants of the study, for the study purposes.

STUDY POPULATION

The population under study are 11 to 15 years old urban school children in Coimbatore district, Taminadu.

SAMPLE SIZE

The total number of students of 11-15 years of age was obtained from The Chief Educational Officer (Coimbatore Corporation) including government and private schools. The total number of students are 1,15,724 and the average number of students per class is 42,301.

The sample size calculation formula

$n=t^2*p\ (1-p)/m2$

Description

n=required sample size

t=confidence level of 95%

(standard value of 1.96)

p=expected frequency of the factor under study-14.7%

m=margin of error of 2.5%

$n=1.96^2 *0.147(1-0.147)/0.025^2 = 770$

The sample is increased by 10% to account contingencies like non response and recording error.

n+10%=770+10% =848 sample.

Round off - 850 samples.

Government schools - 50%

Private schools - 50%

Study sample - 850

Using the above-mentioned formula, previous studies and in consultation

with the statistician ,the sample size was calculated to be 850 and the sample strata was calculated to be 170 for each age group from 11-15 yrs.

SAMPLING TECHNIQUE

Thus, 850 subjects from Coimbatore district were selected for this study. We adopted a multistage stratified random sampling procedure. Schools were selected based on the list of schools in Coimbatore which was obtained from the District Education Office. By using simple random technique, first six schools were selected. The Probability, proportional to the size sampling technique was used to select the sample from each school. Both government & private schools were included & the ratio was 1:1 in accordance with distribution of schools in Coimbatore. On reaching the selected school, the classes were selected randomly from each grade. The Students were then selected from each class by again using simple random technique, with help of the students' register, till the desired sample was met. From individual classes from each institution, 50 subjects would be recruited. Students who did not submit the Performa or those whom were notable & who were not cooperative were considered as non-respondent.

INCLUSION CRITERIA

11-15 yrs of urban school children in Coimbatore

EXCLUSION CRITERIA

Students with major dysmorphology or signs of physical deformity

TOOLS AND MATERIALS USED

A Proforma was used and details were collected, which included their involvement in physical activities such as participation in games, sports activities they preferred or predominantly indoor activities. Their screen viewing time which included watching television, playing computer and video games was also noted. Their food habit weather healthy & Unhealthy & eating junk food was taken into consideration. The number of meals consumed while watching television and their sleeping time and morning rising time were noted. The age, educational status, occupation of both parents and their monthly income, family size and the socio-economic status were also taken into consideration. The socio-economic status was assessed based on the Modified Kuppuswamy scale.

For measuring height a portable stadiometer was used.

Weight was measured using portable electronic weighing machine .

Waist circumference was measured using a non stretchable elastic tape.

METHODOLOGY

The study was approved by the Ethical Committee of Coimbatore Medical College Hospital, Coimbatore and informed consent was obtained from Chief Educational Officer (Coimbatore Corporation) and also from the School Principal and participants of the study, for the study purposes.

PROCEDURE

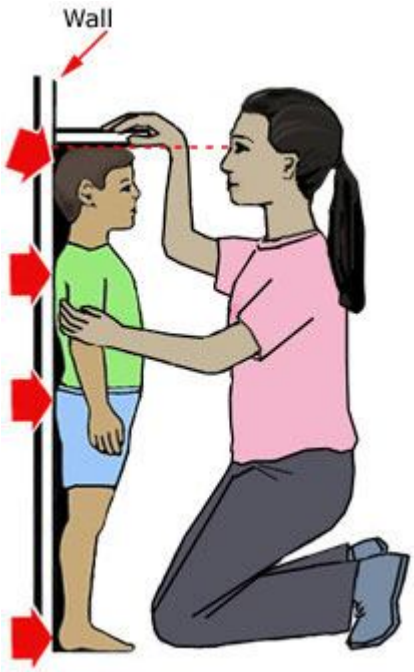
MEASUREMENT OF HEIGHT

Height was measured, standing using a portable stadiometer (range 60 - 207 cm). It was ensured that the stadiometer was on level ground.

Figure : 9 Stadio Meter

The child stood in socks or barefoot on the flat base of the stadiometer, feet slightly apart and the back of the head, the shoulder blades, buttocks and heels touching the vertical rod, and head in the Frankfurt plane. Gentle traction was applied to the mandibular process and the headboard was then lowered. The reading was taken to the last completed mm, avoiding parallax, and two such readings were averaged for analysis.

Figure : 10 Measurement of Height



Thus height was measured as per the WHO child growth standards: training course on child growth assessment, 2008. When assembling the height boards, it was checked that they are assembled correctly by measured rods of known length.

MEASUREMENT OF WEIGHT

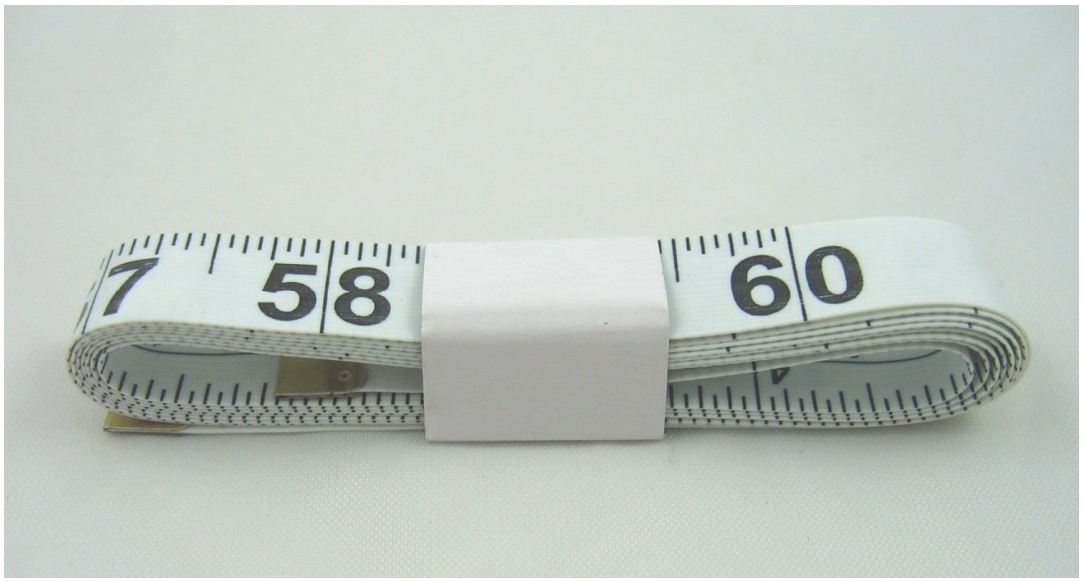
The scale was placed on a flat, hard, even surface. The children were asked to stand in the middle of the scale, feet slightly apart and they were to remain still until the weight appears on the display. Then weight was measured using a portable electronic weighing machine accurate to 100 g. As per the WHO child growth standards: training course on child growth assessment, 2008. The weighing scale was regularly checked with known standard weights of 3, 5, 10 and 20 kg. The accuracy of equipment was checked at the time of purchase and thereafter at least once weekly.

Figure : 11 Weighting Scale

MEASUREMENT OF WAIST CIRCUMFERENCE:

An important issue for both using and for interpreting waist circumference is the protocol used to obtain the measurements. Here we have the protocol as discussed, the anatomical placement of the measuring tape, its tightness and the type of tape used, the subject's posture, phase of respiration and abdominal tension.

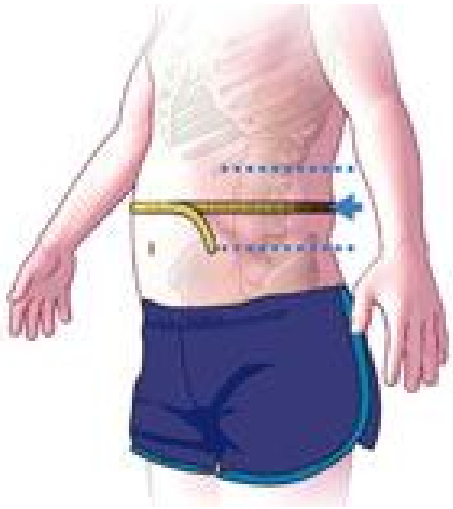
Figure ; 12 Inch Tape



Placement of tape:

The WHO STEPS protocol is used for measuring waist circumference which instructs that the measurement must be made at the approximate midpoint between the lower margin of the last palpable rib and the top of the iliac crest (WHO, 2008b). In this study also the waist circumference has been measured in the same manner. Lower margin of the last palpable rib and the top of the iliac crest.

Figure : 13 Measurement of Waist Circumference



The tightness and type of tape used:

Most importantly the accuracy of waist circumference measurements depends on how tight the tape is used, and its correct positioning. The WHO STEPS protocol states that, for WC measurement of waist, the tape should be kept snug around the body, but in such a way that not pulled so tight which then becomes constricting (WHO, 2008b). It is recommended to use a tape which is stretch resistant.

The posture of students during measurement:

At the time of measurement, the posture in which the subject stands also influences the accuracy of measurement. Thus, the WHO STEPS protocol recommends that the subject should stands with both arms at the sides and feet positioned close together, and weight evenly distributed across the feet (WHO, 2008b).

The phase of respiration at the time of measurement:

This determines the extent of fullness of the lungs and the position of the diaphragm during measurement; which in turn influences the accuracy of the measurement. The WHO STEPS protocol suggests that the waist circumference should be measured at the end of a normal expiration, when the lungs are at their functional residual capacity (WHO, 2008b). In this study, the waist circumference was thus during measured at the end of a normal expiration.

The abdominal tension during measurement:

The tension of the abdominal tension in turn affects the accuracy of the waist circumference measurement. Decreasing the abdominal wall tension increases waist circumference, whereas increasing the tension (by sucking in) reduces waist circumference. Some of the individuals unconsciously react at the time of measurements by sucking in their abdominal wall; hence, a relaxed posture is aimed for taking correct waist measurements. The WHO STEPS protocol recommends that the subject should advice to be relaxed and take few deep breaths before the actual measurement is made, which will minimize the inward pull of the abdominal contents during the waist measurement (WHO, 2008b), which was followed in this study.

Following the above protocol, WC was measured with the students standing with their feet close together and both arms at their sides in a relaxed position, during the end of their normal respiration. The measurements were repeated twice and the difference should be less than 1cm, then the average was confirmed. If it exceeded 1 cm measurements were repeated. The tape was regularly checked and if there was any damage the tape was replaced.

The anthropometric measures we took were the height, weight, and WC and the same protocols were followed for all students, and measurements were taken by the same person.

- BMI was calculated by the formula

$$\text{BMI} = \frac{\text{WEIGHT IN KG}}{\text{HEIGHT IN M}^2}$$

and the student was considered obese if he or she was more than or equal to 27^{th} adult equivalent of IAP BMI chart - Annexure : 7-8

WC was thus measured and the student was considered obese if he or she was more than or equal to 75^{th} Percentile of Smoothed and Weighted Age and Sex Specific Waist Circumference Percentile Values (cm) for Indian Children 3-16 years of age Ref : Annexure : 9

WHR was calculated by the formula

$$\textbf{WHR} = \frac{\textbf{WAIST CIRCUMFERENCE IN CM}}{\textbf{HEIGHT IN CM}}$$

and the student was considered obese if he or she was more than or equal to 0.5 as per the Smoothed And Weighted Age And Sex Specific Waist - Height(Wht) Ratio Percentile Values For Indian Children 3-16 years of age Ref : Annexure : 10

STASTICAL ANALYSIS

The data are reported as the mean +/- SD or the median depending on their distribution. The differences in quantitative variables between the groups were assessed by means of an unpaired T test. The comparison between groups were made by the Non parametric Mann-Whitney test. ANOVA was then used to assess the quantitative variables. A Chi square test was used to assess the difference in categorical variables between groups. ROC curve and Odds ratio were performed. A p value of <0.05 using a two - tailed test was taken as being of significance for all statistical tests. All data were analyzed with a statistical software package.(SPSS, version 16.0 for windows).

RESULTS

The table below shows the number of children involved in the study in the various age groups including gender distribution and distribution in private and government schools

Table : 2 Age Distribution

Age Distribution			
	Gender		
Age	**MALE**	**FEMALE**	**Total**
11	68	106	174
12	75	96	171
13	85	86	171
14	50	122	172
15	61	110	171
Total	339	520	859

Figure : 14 Age Distribution

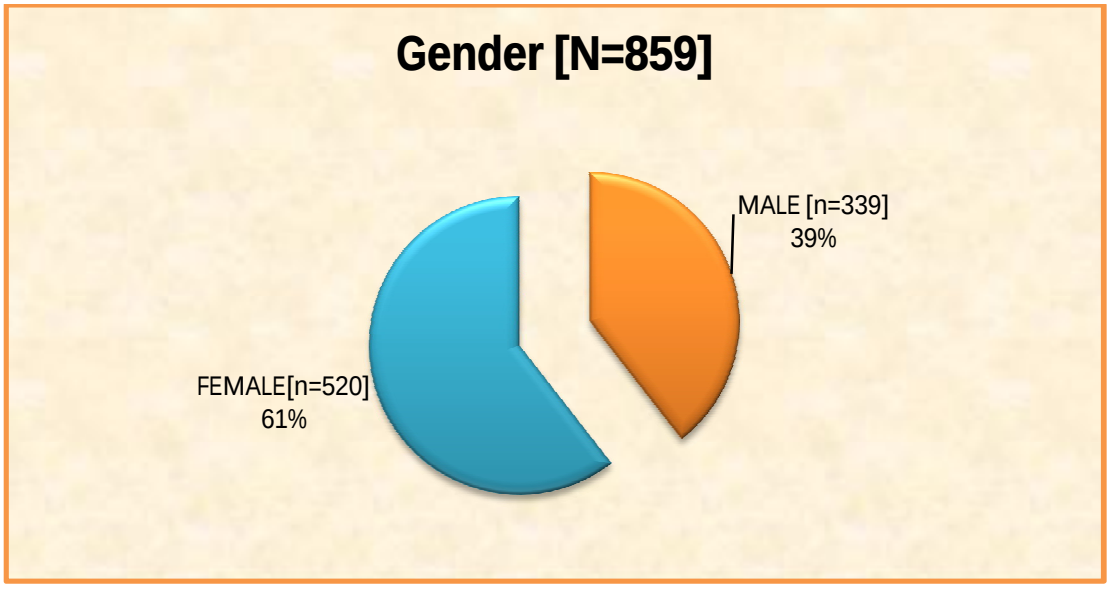
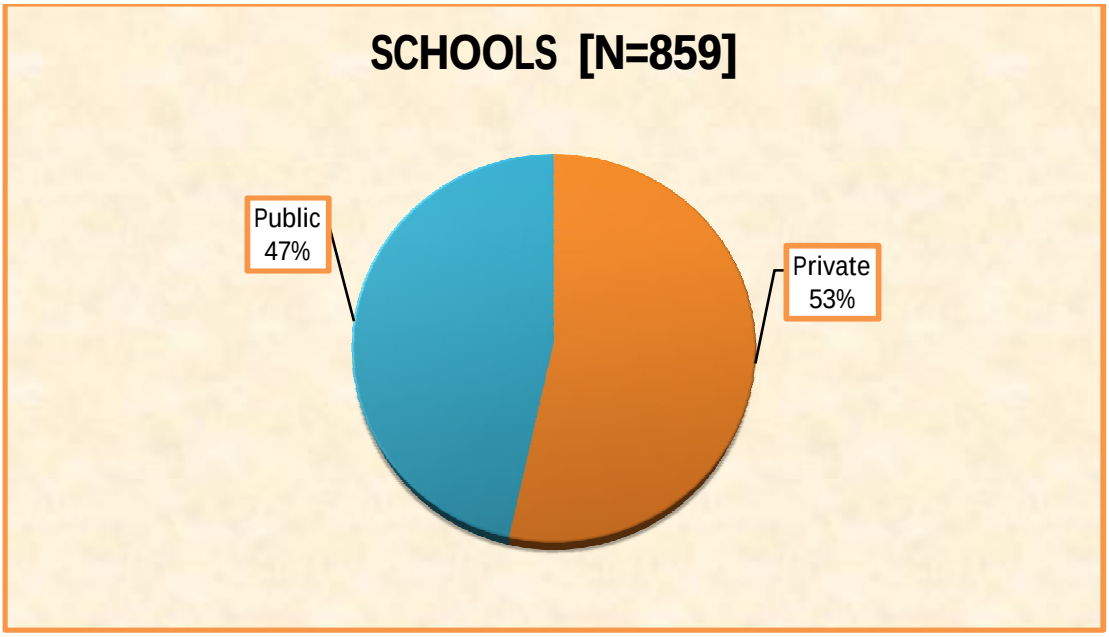


Figure : 15 Schools

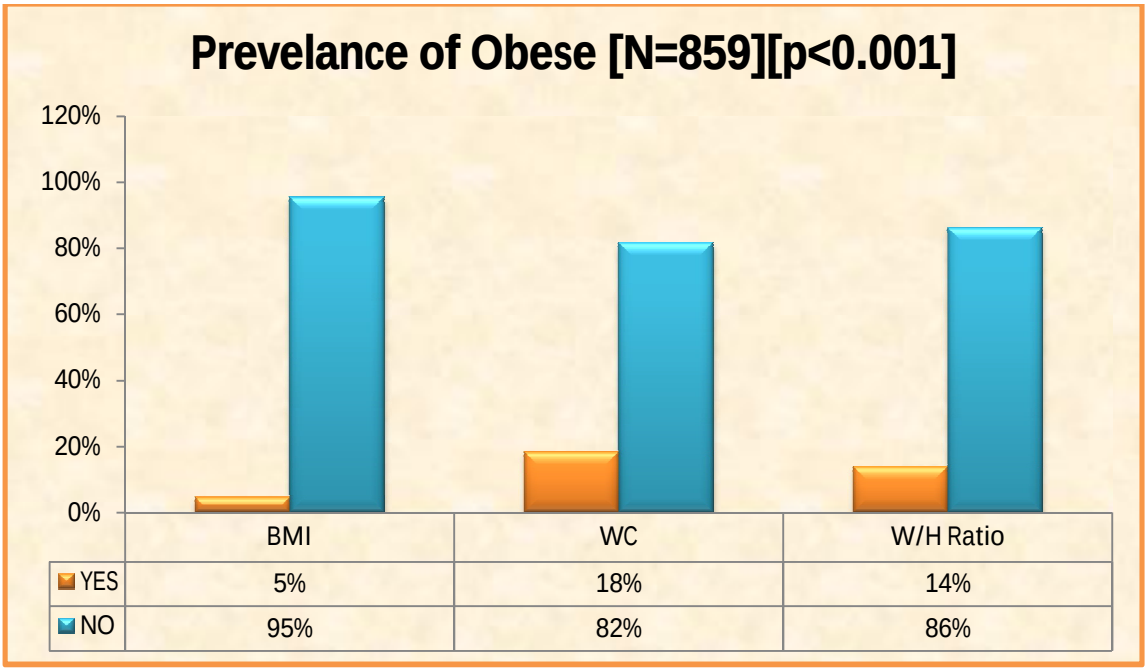


From the study population of 860 children, 859 were included and the prevalence of obesity is as follows. According to BMI - 40 children, 5% are obese; WC - 157 children,18% are obese and WHR-119 children, 14% are obese.

Table : 3 Prevalence of Obesity in the study Population

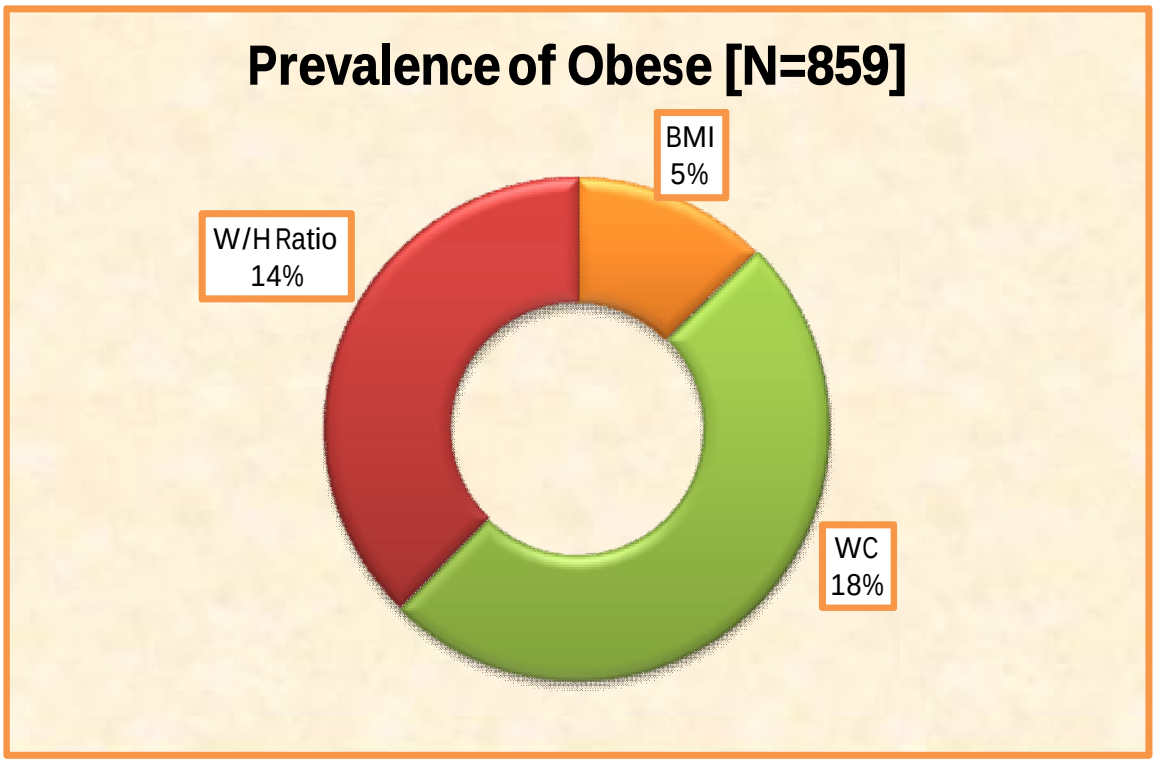
Prevalence of Obesity in the study Population		
	OBESE	
Variables	YES	NO
BMI	40	819
WC	157	702
W/H Ratio	119	740

Figure : 16 Prevalence of Obesity in study population



Much studies have not been conducted using all three parameters for estimation of obesity and hence in this study we could estimate that by using WC for estimating obesity, then the prevalence increases by 13.6% and by using WHR the estimation of obesity increases by 9.2% and by using combined WC and WHR the estimation of obesity increases by 11.4% than BMI which only estimates 5% of obesity. Thus if only a single factor such as BMI is used obesity may be underdiagnosed.

Figure : 17 Prevalence of Obesity



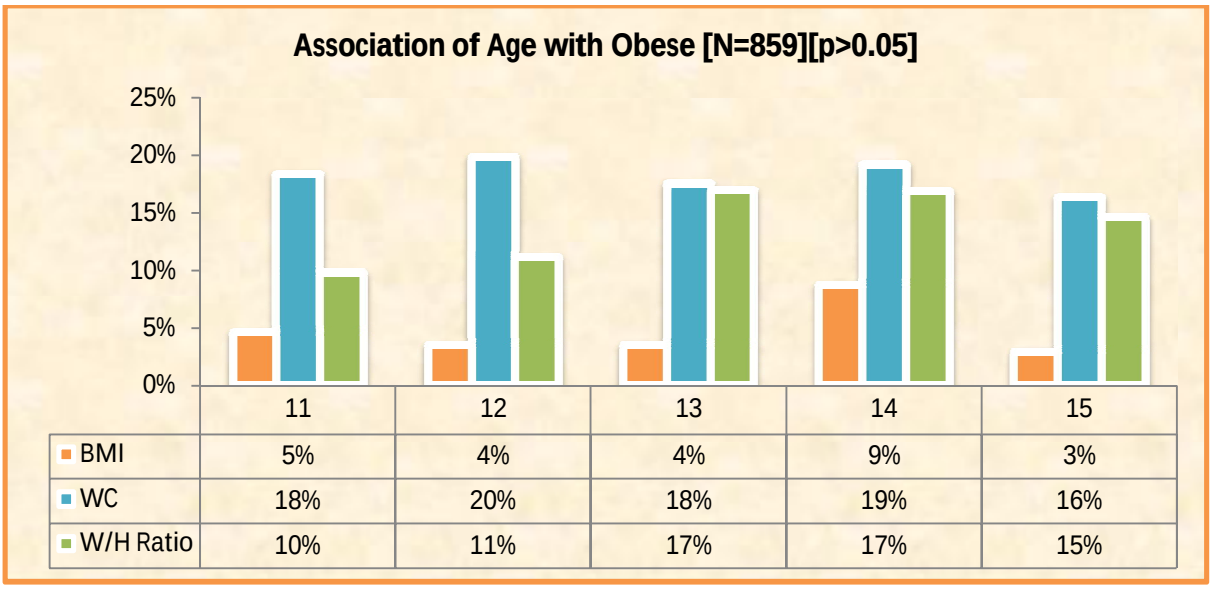
RISK FACTORS FOR OBESITY

In this study various risk factors taken into account are as follows:

AGE AND GENDER OF THE CHILDREN AND OBESITY

The age of children being obese is more in 12 to14 years age group

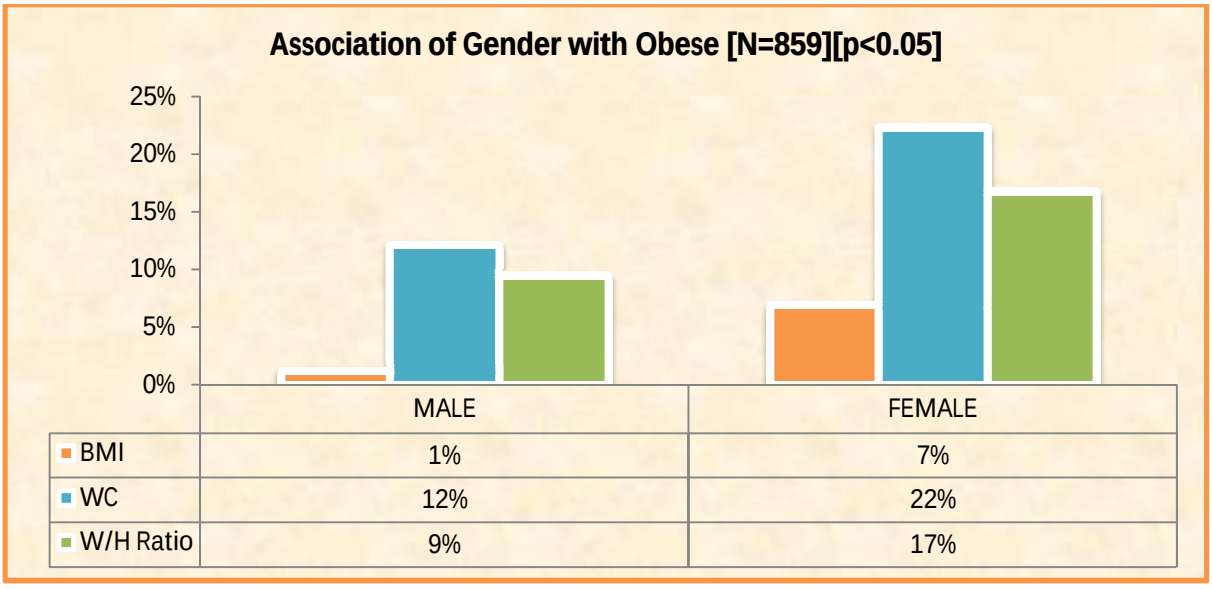
Figure : 18 Association of Age with Obese



	11	12	13	14	15
BMI	5%	4%	4%	9%	3%
WC	18%	20%	18%	19%	16%
W/H Ratio	10%	11%	17%	17%	15%

According to this study, obesity is more in females in all ages

Figure : 19 Association of Gender with Obese



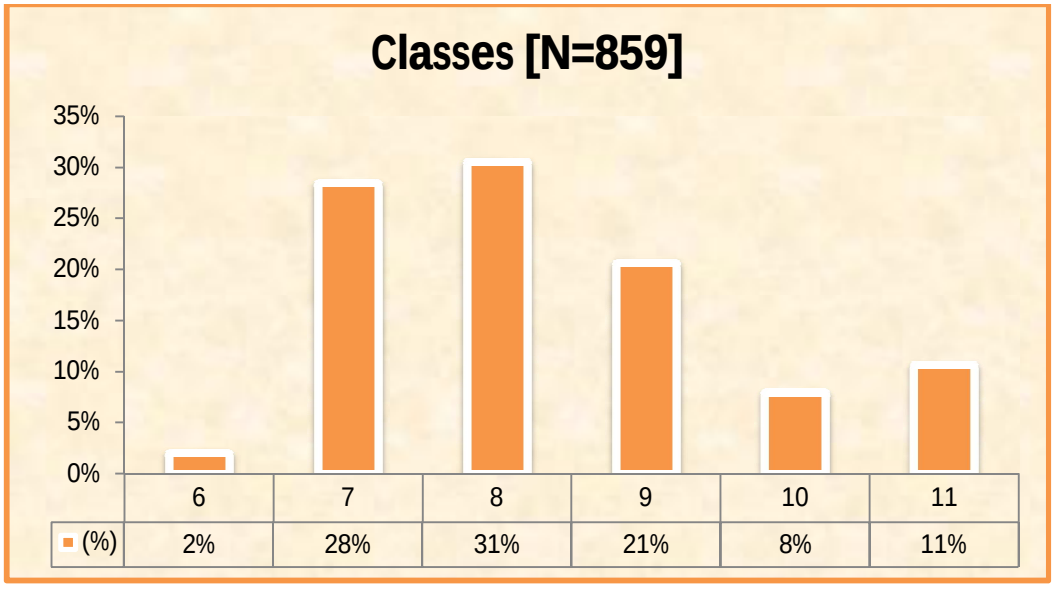
	MALE	FEMALE
BMI	1%	7%
WC	12%	22%
W/H Ratio	9%	17%

GRADE STUDIED WITH OBESITY

Table : 4 Standard Wise

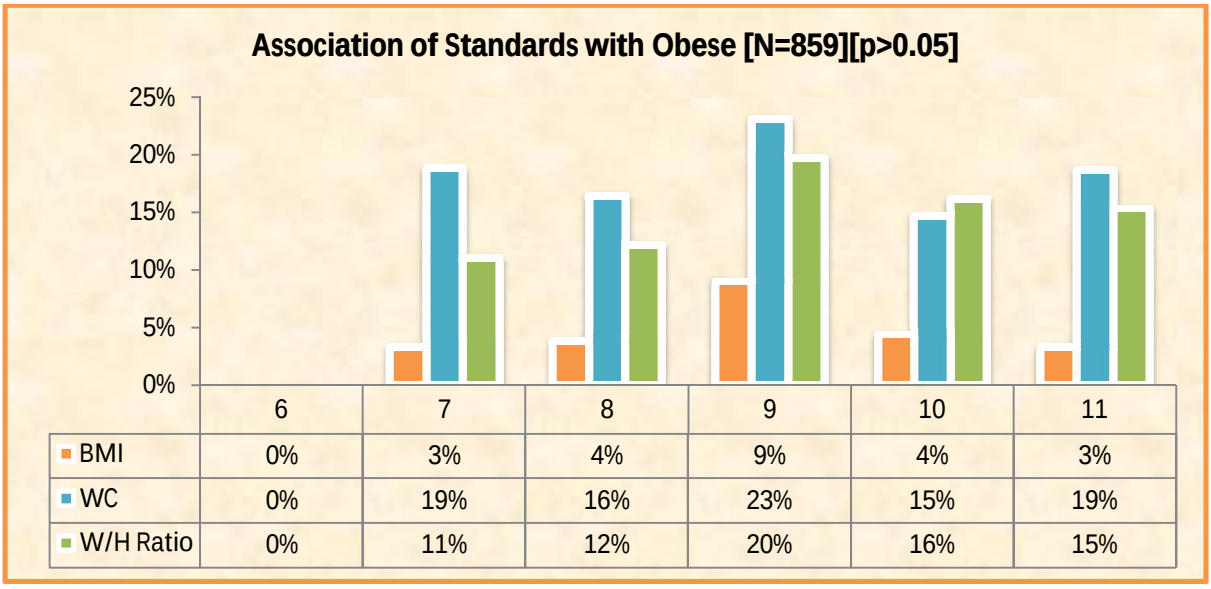
Standard wise		
STD	n	(%)
6	17	2%
7	244	28%
8	262	31%
9	177	21%
10	68	8%
11	91	11%
Total	859	520

Figure : 20 Classes



Similar to age, there is increased obese children in class 8 followed by class 7 and 9.

Figure : 21 Association of Standards with Obese



	6	7	8	9	10	11
BMI	0%	3%	4%	9%	4%	3%
WC	0%	19%	16%	23%	15%	19%
W/H Ratio	0%	11%	12%	20%	16%	15%

MODE OF SCHOOL WITH OBESITY

Table : 5 Association of Mode of School with Obese in Study Population

Association of Mode of School with Obese in study population				
		OBESE		
School	**TOTAL**	BMI*	WC*	W/H Ratio*
Private	459	30	95	73
Govt.	400	10	62	46
* --> Significant at <0.05 level				

Figure : 22 Association of Mode of School with Obese

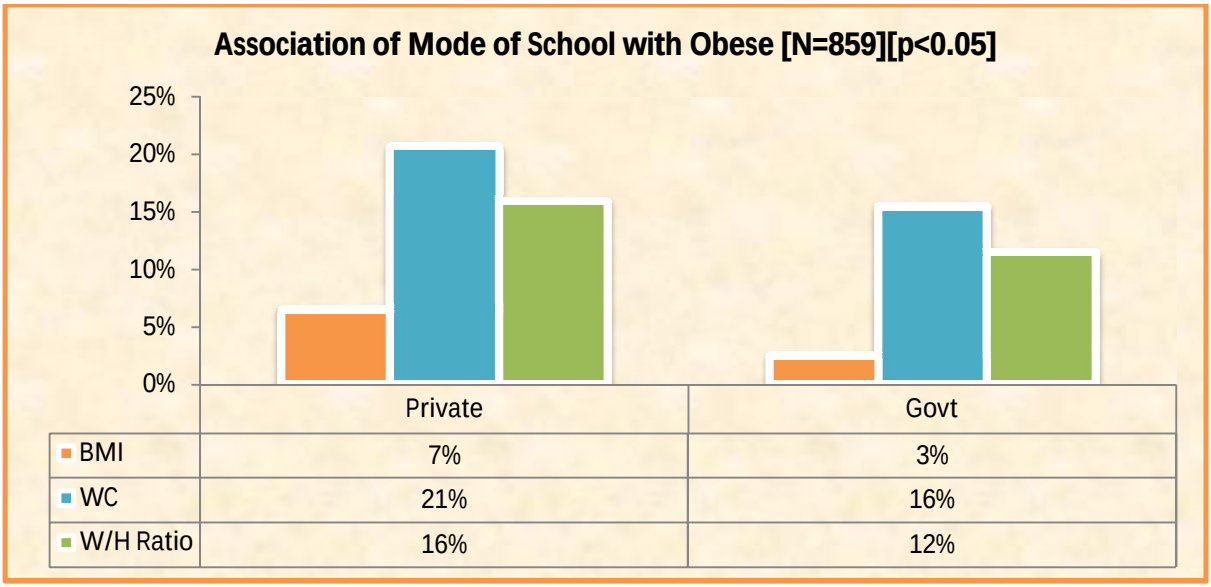


Table : 6 ODDS RATIO - Private School

ODDS RATIO - Private school			
		BMI	2.727 [95% CI : 1.316 - 5.652]
		WC	1.422 [95% CI : 1.000 - 2.024]
		W/H ratio	1.455 [95% CI : 0.979 - 2.163]

According to this study, obesity is more in private schools when compared to government schools.

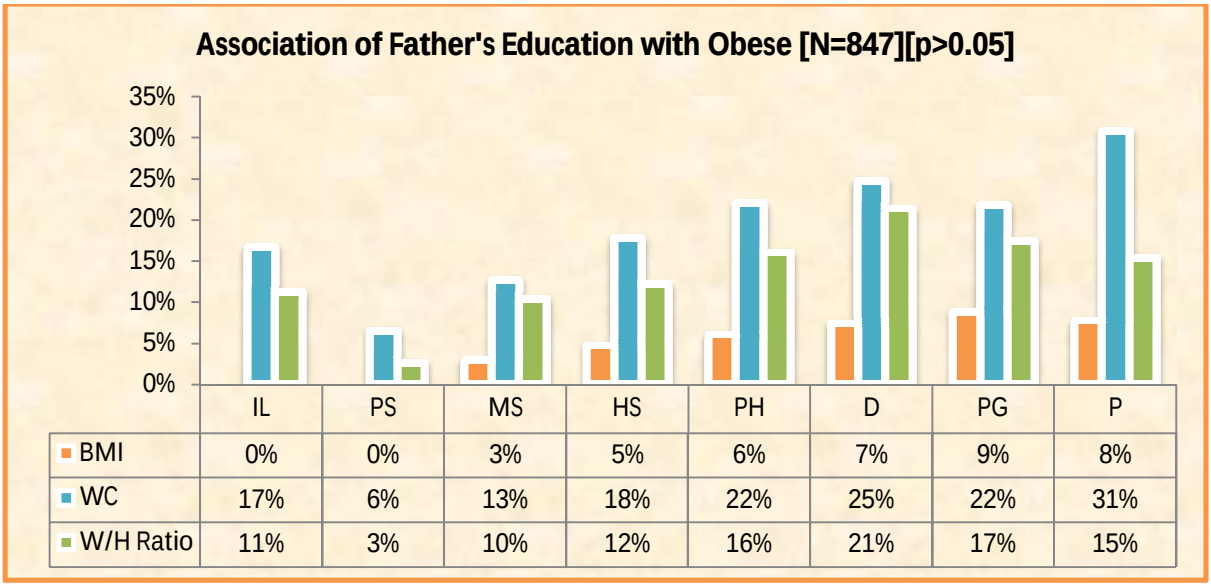
FATHERS EDUCATION WITH OBESITY

According to this study, obese children are more when fathers are degree holders, post graduates and professionals.

Table : 7 Association of Father's education with Obese in study population

Association of Father's education with Obese in study population				
		OBESE		
FATHER'S EDN	**Total**	BMI	WC*	W/H Ratio
ILLITERATE	18	0	3	2
PRIMARY SCHOOL	77	0	5	2
MIDDLE SCHOOL	174	5	22	18
HIGH SCHOOL	214	10	38	26
POST HIGH SCHOOL	150	9	33	24
DEGREE	178	13	44	38
POSTGRADUATE	23	2	5	4
PROFESSIONAL	13	1	4	2
* --> Significant at <0.05 level				

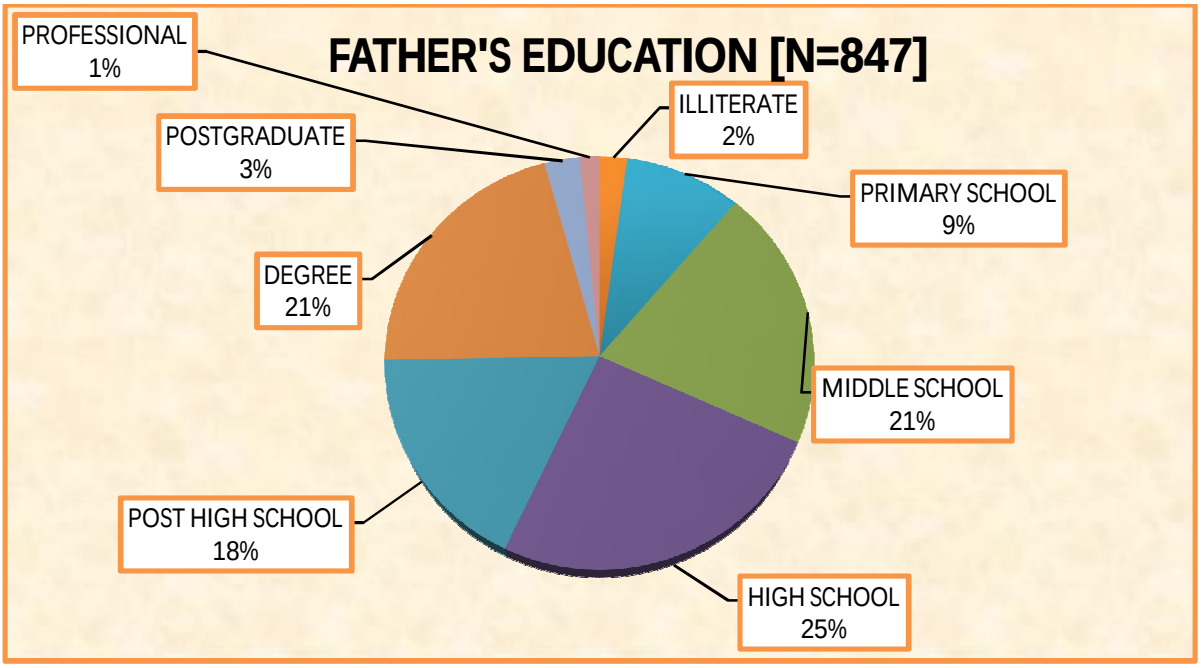
Figure : 23 Association of Father's Education with Obese



	IL	PS	MS	HS	PH	D	PG	P
BMI	0%	0%	3%	5%	6%	7%	9%	8%
WC	17%	6%	13%	18%	22%	25%	22%	31%
W/H Ratio	11%	3%	10%	12%	16%	21%	17%	15%

For most of the children, their father's education is high school which accounts for 25%, followed by middle school and degree holders, each 21% and then the rest.

Figure : 24 Father's Education



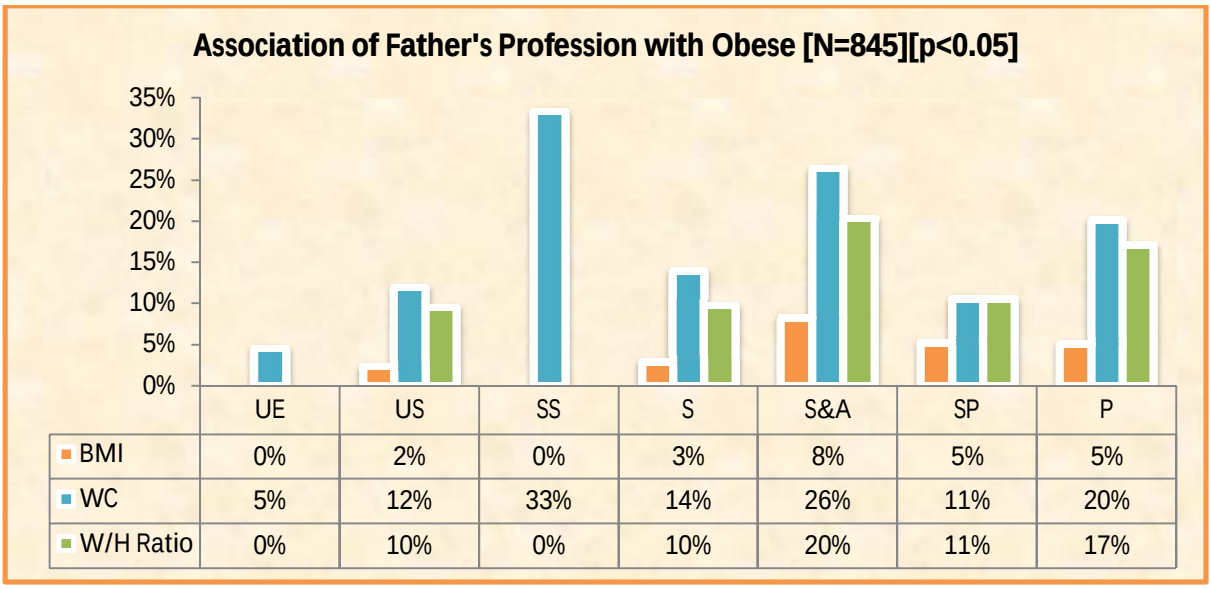
FATHER'S PROFESSION AND OBESITY

According to this study, obese children are more for fathers who are semi skilled and those who are business men and agriculturists.

Table : 8 Association of Father's Profession with Obese in study population

Association of Father's Profession with Obese in study population				
		OBESE		
FATHER'S PROFF	**Total**	BMI*	WC*	W/H Ratio*
UN EMPLOYED	22	0	1	0
UN SKILLED	126	3	15	12
SEMI SKILLED	6	0	2	0
SKILLED	308	9	43	30
SHOP AND AGRICULTURE	265	22	70	54
SEMI PROFESSIONAL	19	1	2	2
PROFESSIONAL	99	5	20	17
* --> Significant at <0.05 level				

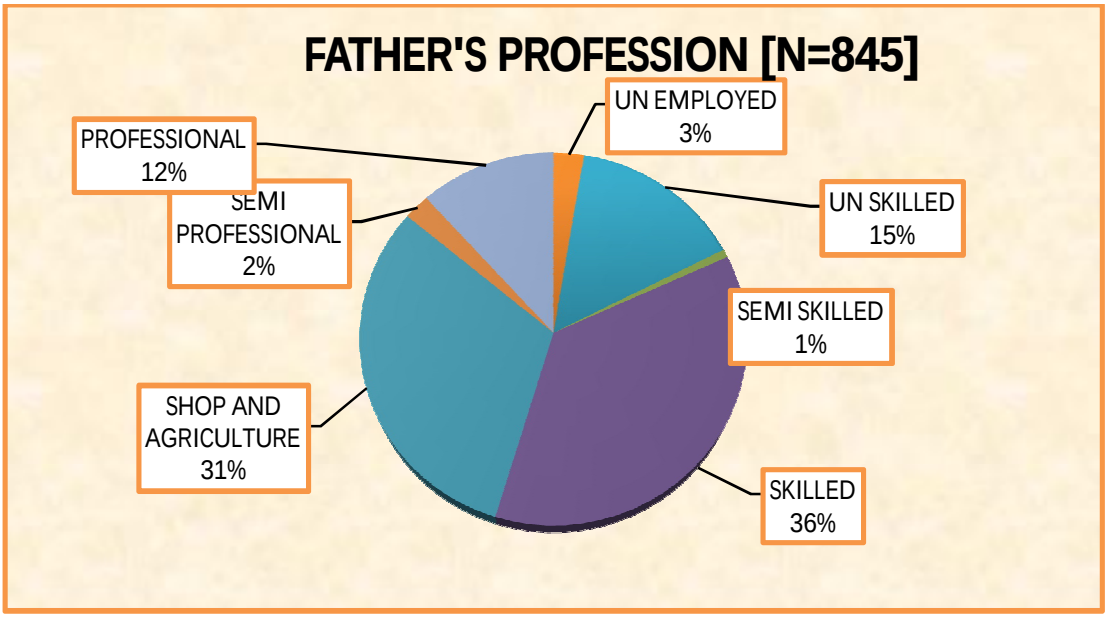
Figure : 25 Association of Father's Profession with Obese



	UE	US	SS	S	S&A	SP	P
BMI	0%	2%	0%	3%	8%	5%	5%
WC	5%	12%	33%	14%	26%	11%	20%
W/H Ratio	0%	10%	0%	10%	20%	11%	17%

Majority of the children's fathers are skilled workers which accounts for 36% followed by businessmen or practicing agriculture which accounts for 31%.

Figure : 26 Father's Profession



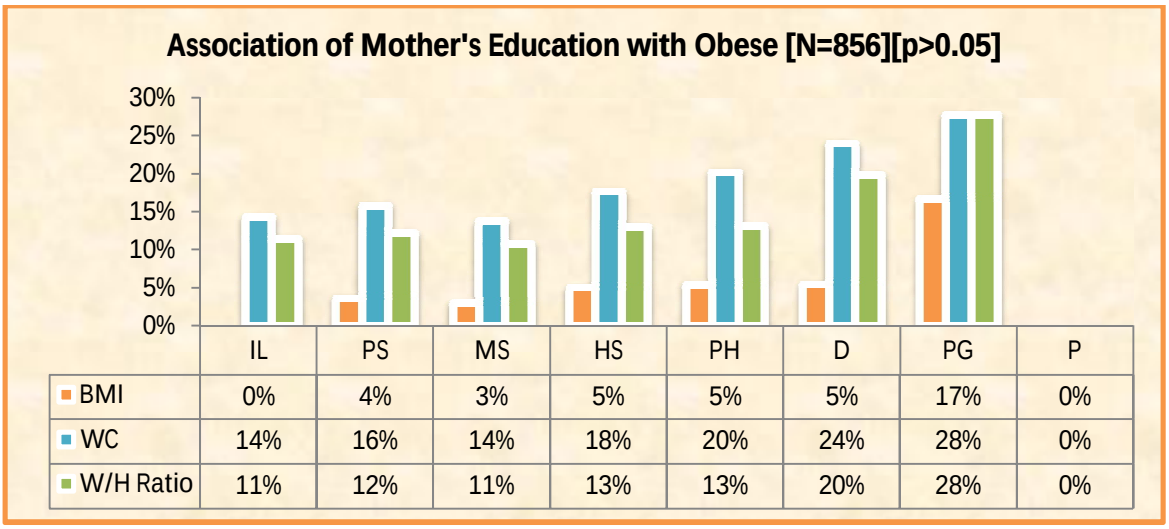
MOTHER’S EDUCATION AND OBESITY

According to this study, obese children are more in mothers who are degree holders, post graduates and professionals.

Table : 9 Association of Mother's education with Obese in study population

Association of Mother's education with Obese in study population				
		OBESE		
MOTHER'S EDN	**Total**	BMI	WC	W/H Ratio
ILLITERATE	35	0	5	4
PRIMARY SCHOOL	82	3	13	10
MIDDLE SCHOOL	167	5	23	18
HIGH SCHOOL	238	12	42	31
POST HIGH SCHOOL	168	9	34	22
DEGREE	146	8	35	29
POSTGRADUATE	18	3	5	5
PROFESSIONAL	2	0	0	0

Figure : 27 Association of Mother's Education with Obesity

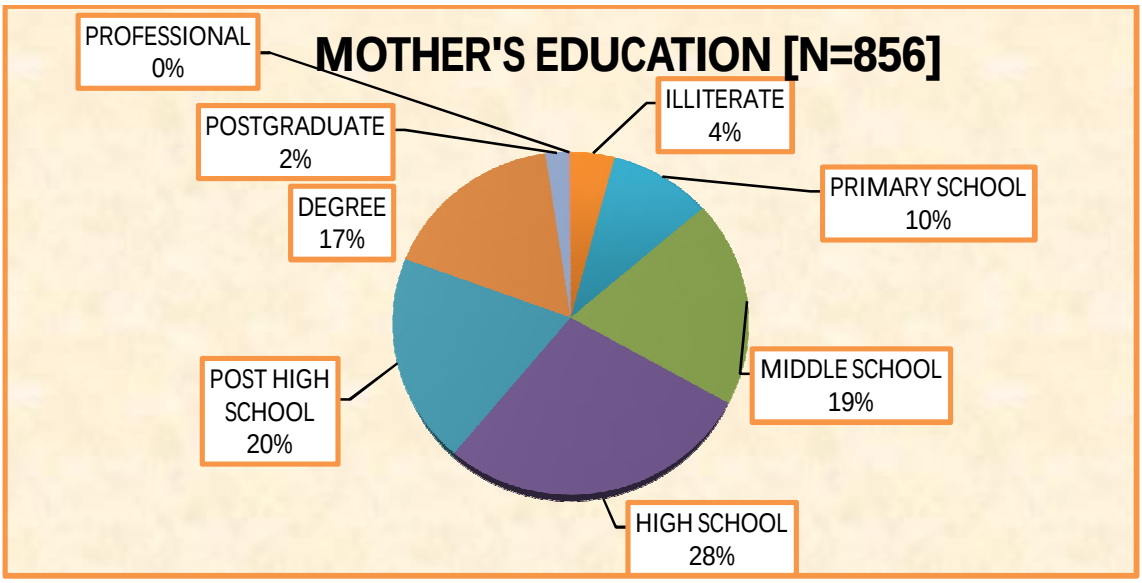


	IL	PS	MS	HS	PH	D	PG	P
BMI	0%	4%	3%	5%	5%	5%	17%	0%
WC	14%	16%	14%	18%	20%	24%	28%	0%
W/H Ratio	11%	12%	11%	13%	13%	20%	28%	0%

For most of the children, their mother's education is high school which accounts for 28%, followed by post high school 20% and middle school 19% and then the rest.

The educational qualification of the mother is slightly lower by a few % than the father.

Figure : 28 Mother's Education



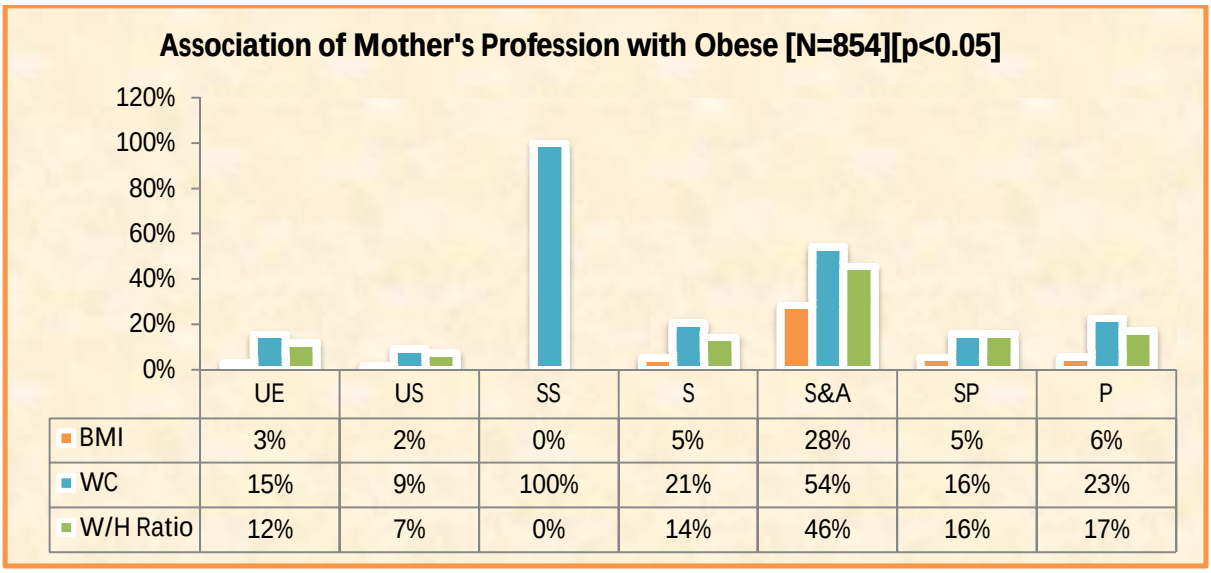
MOTHER'S PROFESSION AND OBESITY

According to this study, obese children are more for mothers who are semi skilled and those who are business women and agriculturists.

Table : 10 Association of Mother's Profession with Obese in study population

Association of Mother's Profession with Obese in study population				
		OBESE		
Mother's Proff	**Total**	BMI*	WC*	W/H Ratio*
UN EMPLOYED	485	14	75	58
UN SKILLED	109	2	10	8
SEMI SKILLED	2	0	2	0
SKILLED	140	7	29	20
SHOP AND AGRICULTURE	46	13	25	21
SEMI PROFESSIONAL	19	1	3	3
PROFESSIONAL	53	3	12	9
* --> Significant at <0.05 level				

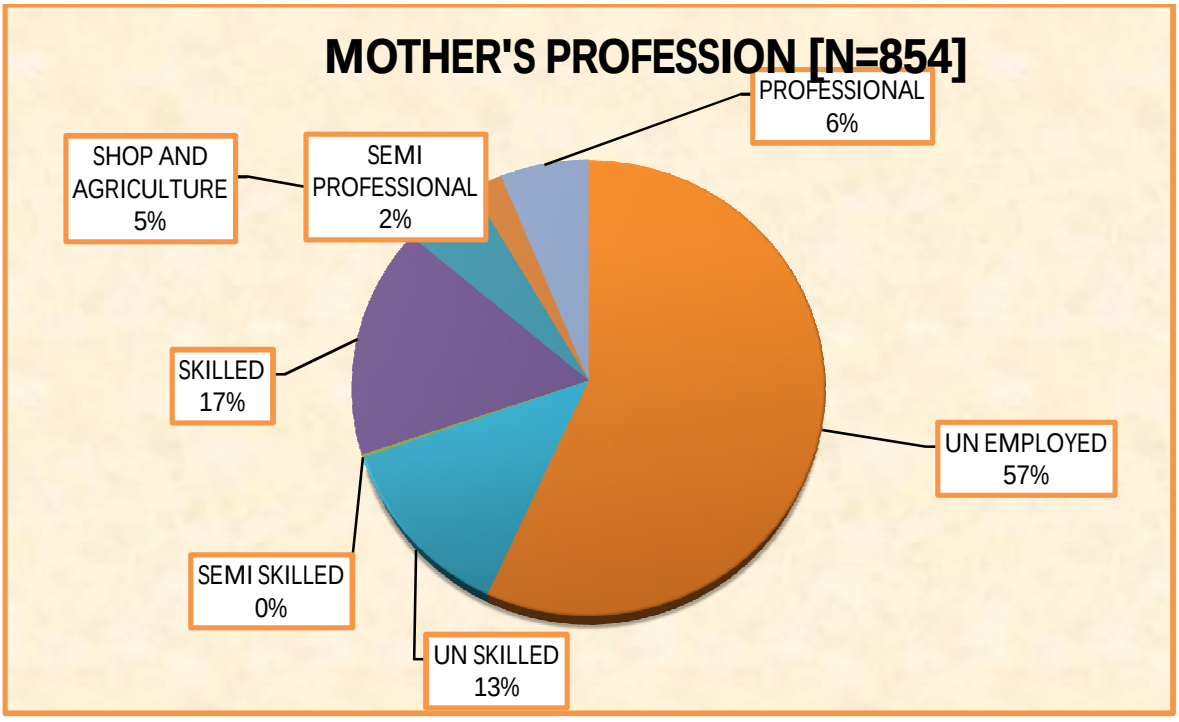
Figure : 29 Association of Mother's Profession with Obese



	UE	US	SS	S	S&A	SP	P
BMI	3%	2%	0%	5%	28%	5%	6%
WC	15%	9%	100%	21%	54%	16%	23%
W/H Ratio	12%	7%	0%	14%	46%	16%	17%

Majority of the children's mothers are unemployed, most of them being home makers which accounts for 57% followed by skilled workers 17% and then the rest.

Figure : 30 Mother's Profession



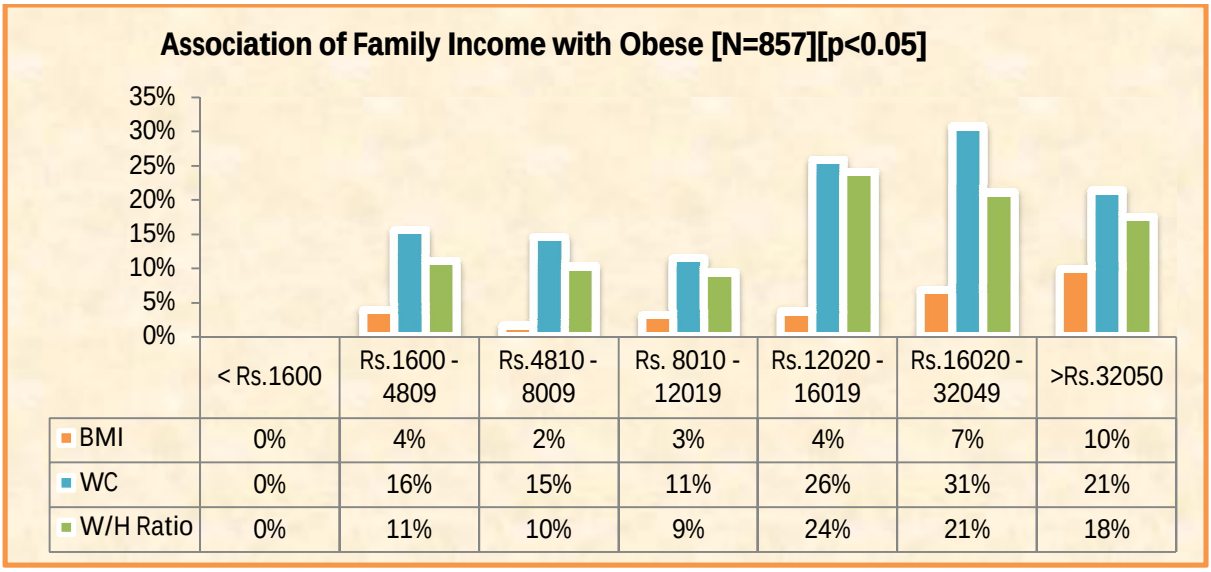
FAMILY INCOME AND OBESITY

According to this study, obese children are more in families who earn between Rs.12,000 to Rs.32,000.

Table : 11 Association of Family Income with Obese in study population

Association of Family Income with Obese in study population				
		OBESE		
Family Income	**Total**	BMI*	WC*	W/H Ratio*
< Rs.1600	13	0	0	0
Rs.1600 – 4809	154	6	24	17
Rs.4810 – 8009	254	4	37	26
Rs. 8010 – 12019	96	3	11	9
Rs.12020 – 16019	54	2	14	13
Rs.16020 – 32049	104	7	32	22
>Rs.32050	182	18	39	32
* --> Significant at <0.05 level				

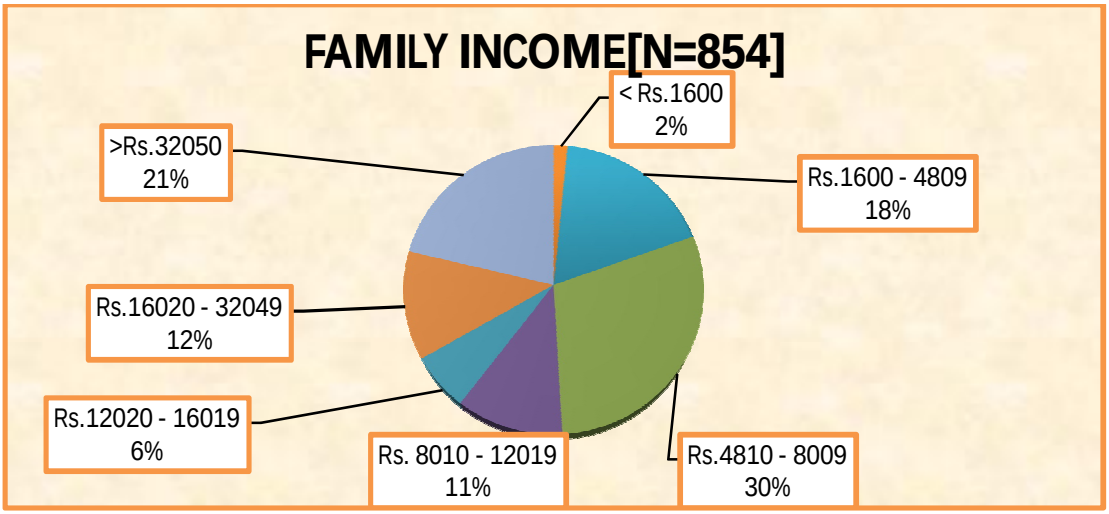
Figure : 31 Association of Family Income with Obesity



	< Rs.1600	Rs.1600 - 4809	Rs.4810 - 8009	Rs. 8010 - 12019	Rs.12020 - 16019	Rs.16020 - 32049	>Rs.32050
BMI	0%	4%	2%	3%	4%	7%	10%
WC	0%	16%	15%	11%	26%	31%	21%
W/H Ratio	0%	11%	10%	9%	24%	21%	18%

Majority of the children are from family income group of 4,810-8,009 rupees per month which accounts for 30% followed by 32,050 rupees per month which accounts for 21%.

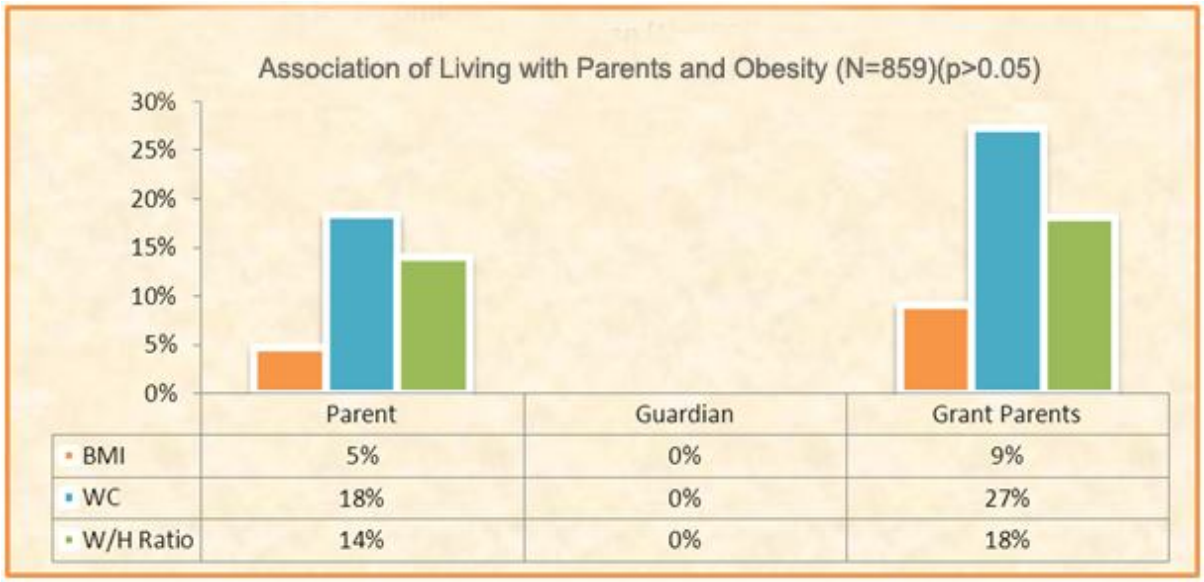
Figure : 32 Family Income



LIVING WITH PARENTS AND OBESITY

According to this study there is no increase in obese children if they are living with grand parent or guardian.

Figure : 33 Association of Living with Parents and Obesity

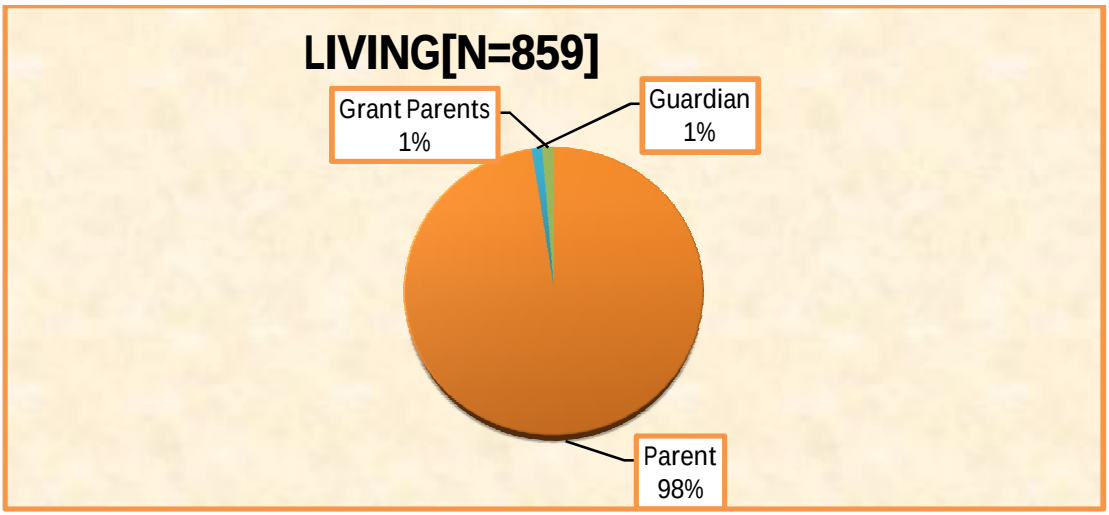


Almost 82% of the children live with their parents and only a few % with grandparents or guardians.

Table : 12 Accompany of Living with Obese in study population

Association of Accompany of Living with Obese in study population				
		OBESE		
Living	**Total**	BMI	WC	W/H Ratio
Parent	838	39	154	117
Guardian	10	0	0	0
Grant Parents	11	1	3	2

Figure : 34 Living with parent



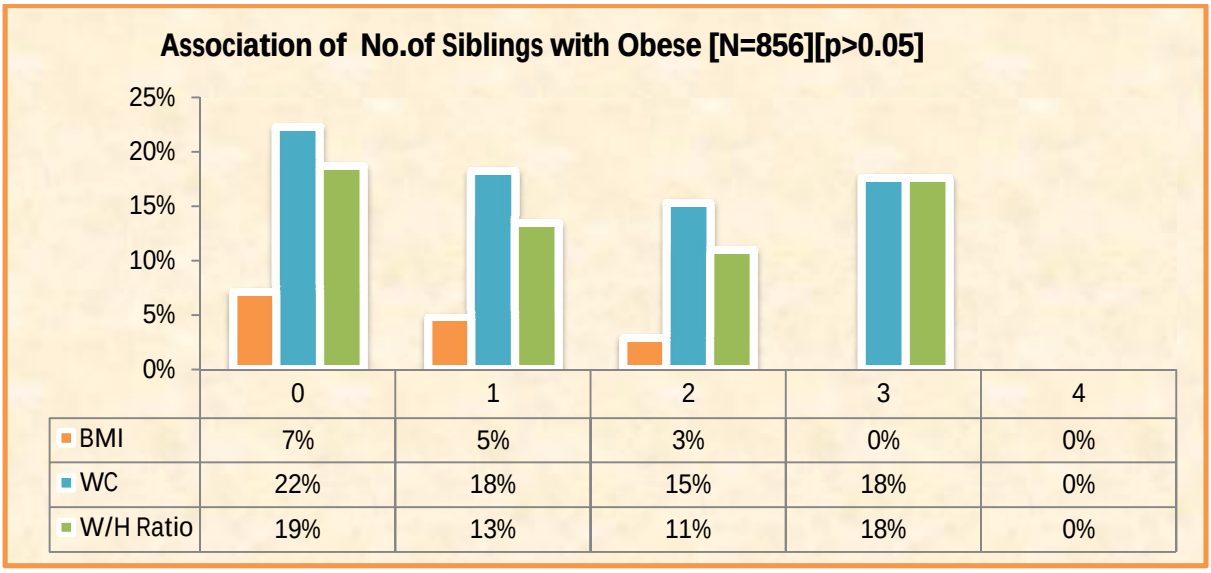
NUMBER OF SIBLINGS AND OBESITY

According to this study there is decrease in obese children if they have more than 2 siblings.

Table : 13 Association of No. of siblings with Obese in study population

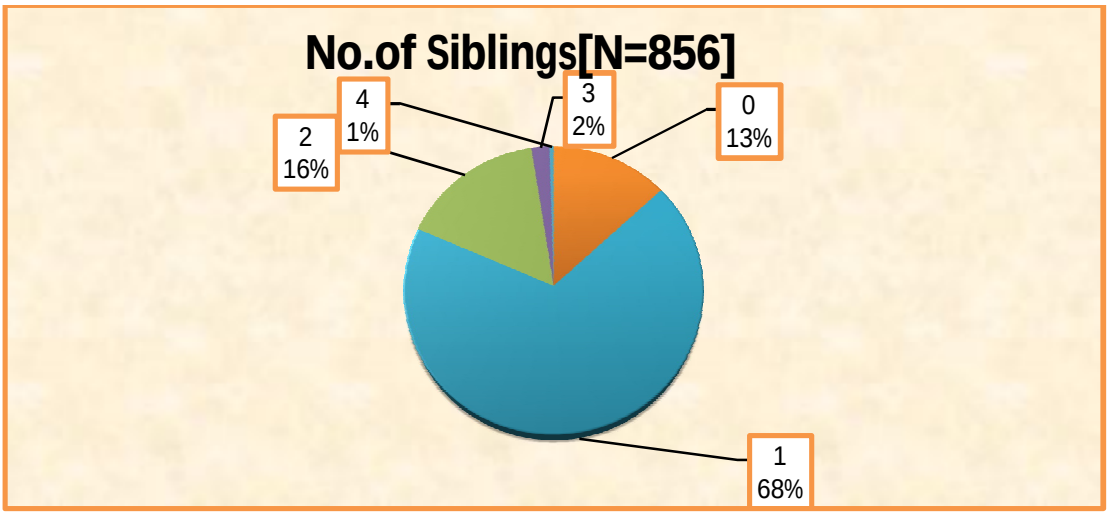
Association of No. of siblings with Obese in study population				
		OBESE		
Siblings	**Total**	BMI	WC	W/H Ratio
0	112	8	25	21
1	586	28	107	79
2	137	4	21	15
3	17	0	3	3
4	4	0	0	0

Figure : 35 Association of No. of Siblings with Obese



Majority of the children have one sibling which accounts for 68% followed by rest.

Figure : 36 Siblings with Obese



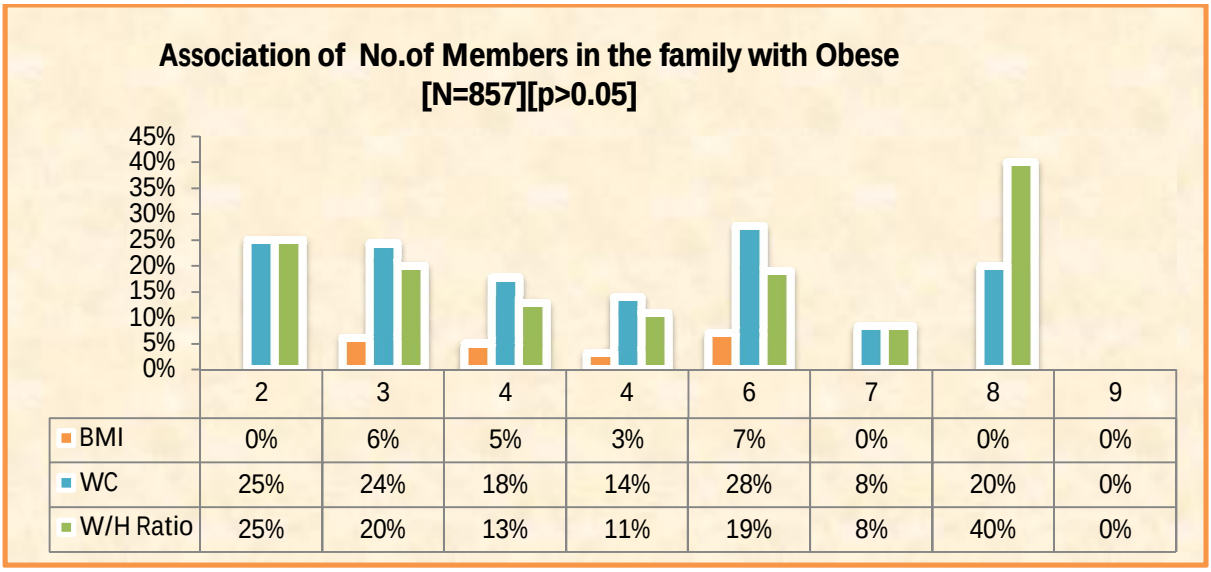
NUMBER OF FAMILY MEMBERS AND OBESITY

According to this study obese children are less if the family members are more than 6.

Table : 14 Association of No.of members in the Family with Obese in study population

Association of No.of members in the Family with Obese in study population				
		OBESE		
No.of Members	**Total**	BMI	WC	W/H Ratio
2	4	0	1	1
3	115	7	28	23
4	468	23	83	60
4	194	6	27	21
6	58	4	16	11
7	12	0	1	1
8	5	0	1	2
9	1	0	0	0

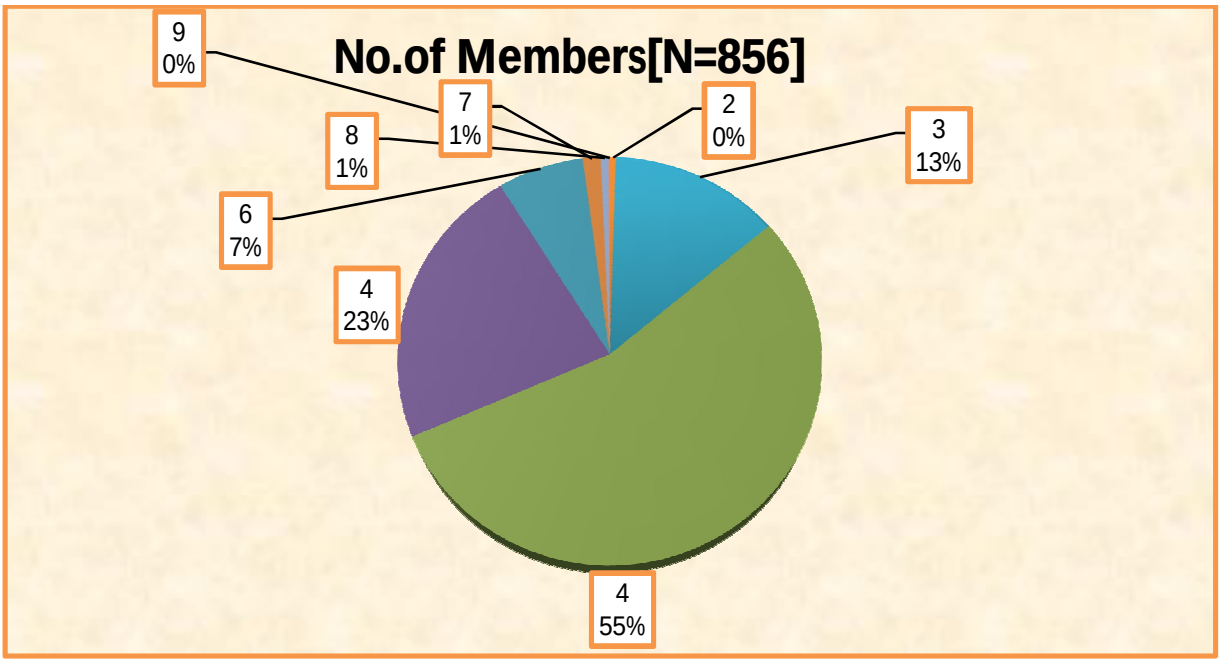
Figure : 37 Association of No. of Members in the family with Obese



	2	3	4	4	6	7	8	9
BMI	0%	6%	5%	3%	7%	0%	0%	0%
WC	25%	24%	18%	14%	28%	8%	20%	0%
W/H Ratio	25%	20%	13%	11%	19%	8%	40%	0%

Most of the children live in a family of four members, around 55% .

Figure : 38 No. of Family Members



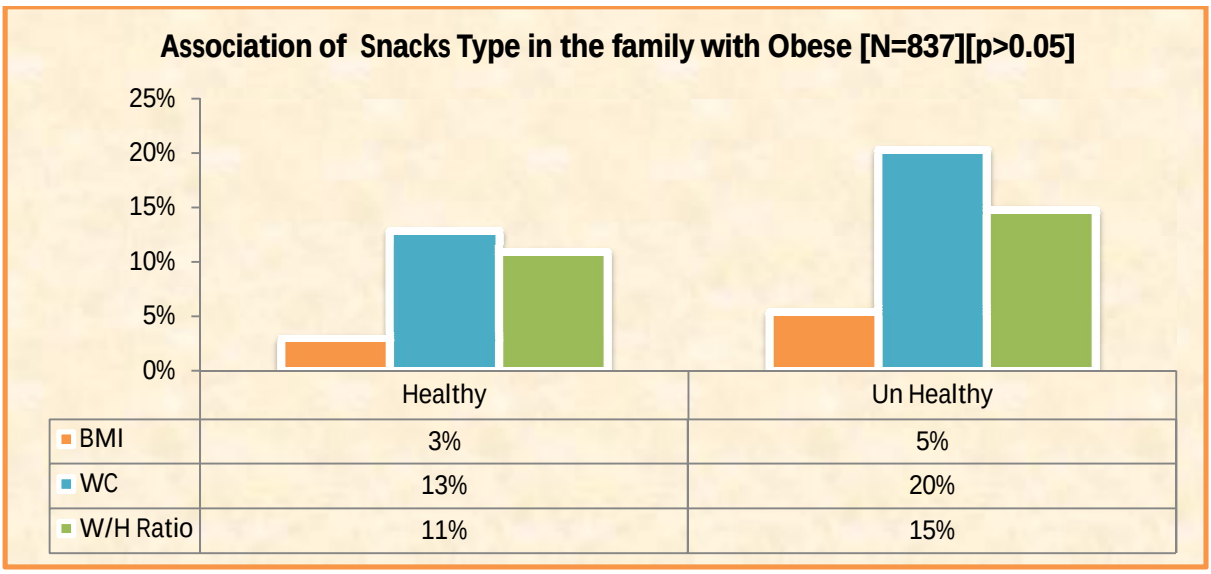
ASSOCIATION OF SNACK TYPES WITH OBESITY

According to this study, obesity is more in children who eat unhealthy snacks.

Table : 15 Association of Snacks eaten every day with Obese in study population

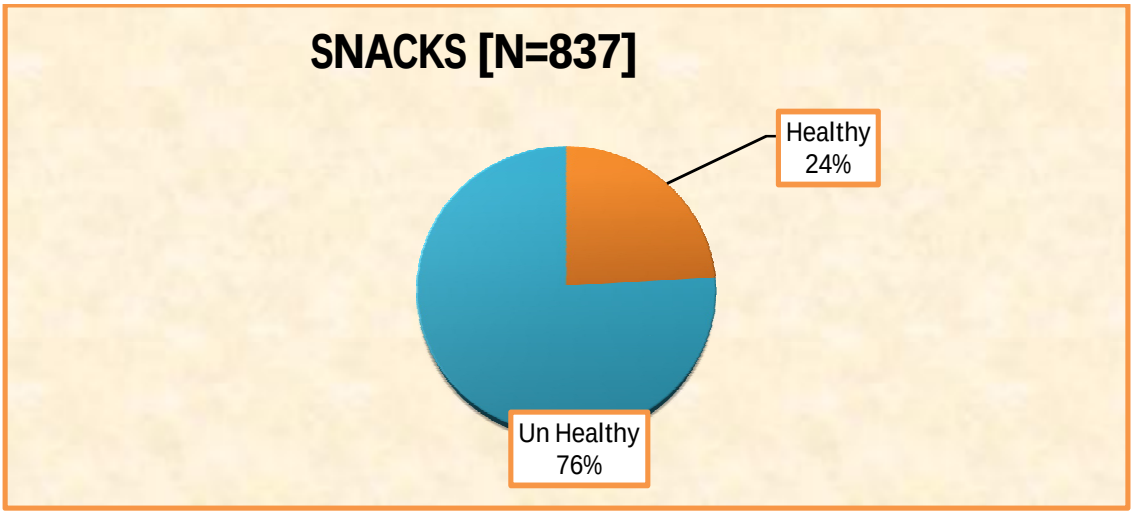
Association of Snacks eaten every day with Obese in study population				
		OBESE		
Snacks type	**Total**	BMI	WC*	W/H Ratio
Healthy	202	6	26	22
Un Healthy	635	34	129	94
* --> Significant at <0.05 level				

Figure : 39 Association of Snacks Type in the family with Obese



Almost 75% of children consume unhealthy snacks.

Figure : 40 Snacks and Obesity



NUMBER OF HOURS OF SCREEN VIEWING TIME WITH OBESITY

According to this study, the children with screen viewing time of more than 3 hours have risk of developing obesity.

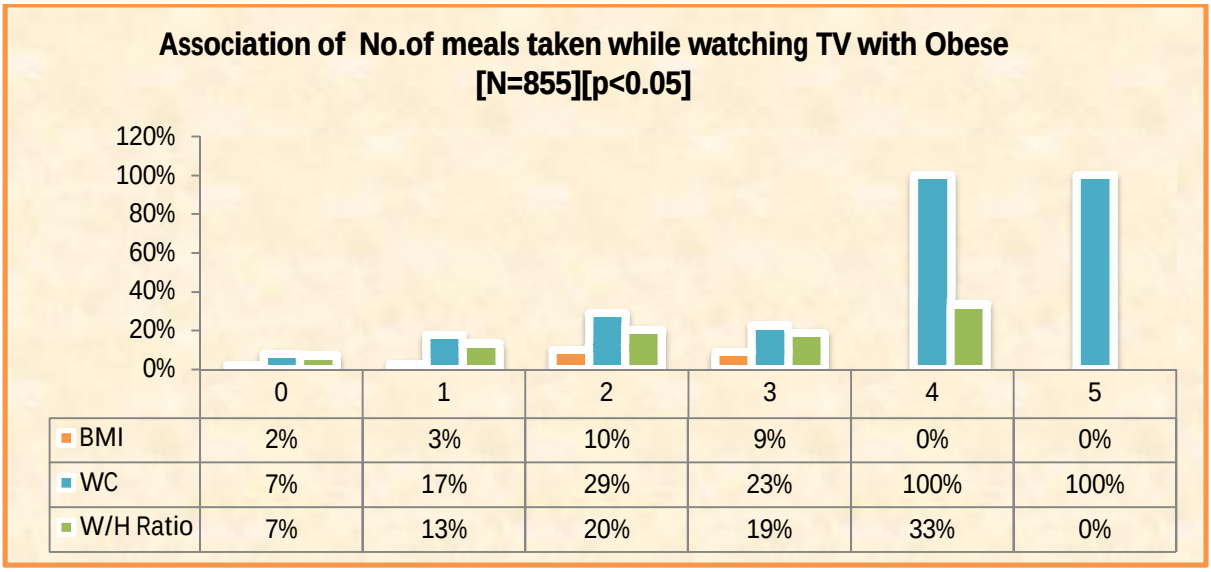
NUMBER OF MEALS TAKEN WHILE WATCHING ELECTRONIC GADGETS AND OBESITY

According to this study, obesity is found more in children who eat more than 3 meals while watching TV or using other electronic gadgets.

Table : 16 Association of No.of meals taken while watching TV with Obese in study population

Association of No.of meals taken while watching TV with Obese in study population				
		OBESE		
No.of Meals	**Total**	BMI*	WC*	W/H Ratio*
0	187	4	14	13
1	403	11	70	53
2	159	16	46	32
3	102	9	23	19
4	3	0	3	1
5	1	0	1	0
* --> Significant at <0.05 level				

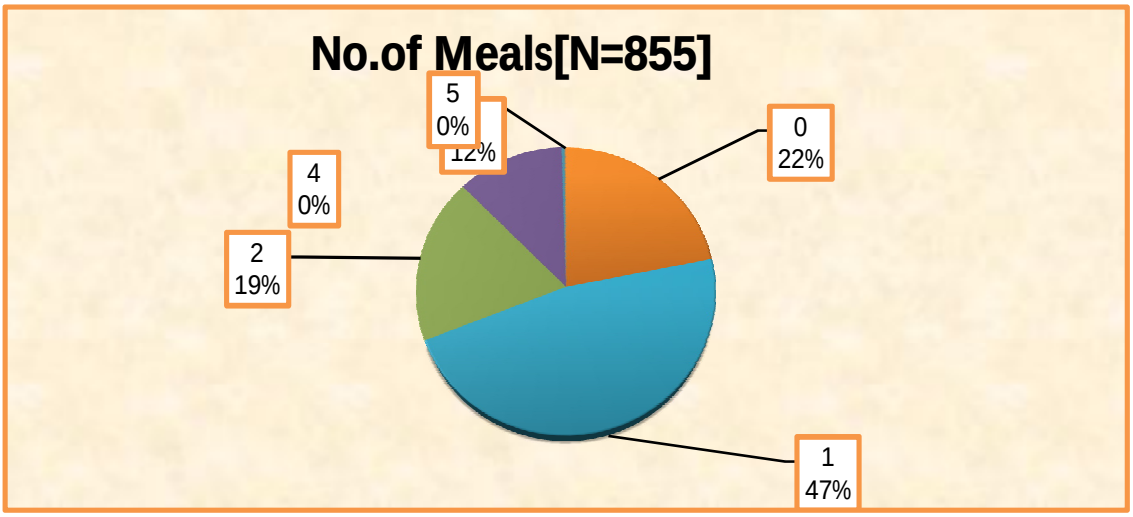
Figure : 41 Association of No.of meals taken while watching TV with Obese



	0	1	2	3	4	5
BMI	2%	3%	10%	9%	0%	0%
WC	7%	17%	29%	23%	100%	100%
W/H Ratio	7%	13%	20%	19%	33%	0%

Only 22% of children in our study eat food without watching or using other gadgets. Around 47% have one meal along with watching TV.

Figure : 42 No of Meals during screen viewing time



EXTRA CURRICULAR ACTIVITIES AND OBESITY

According to this study, obesity is more in children who play more indoor activities when compared with children who play outdoor activities.

Table : 17 Association of Extra Curricular activites with Obese in study population

Association of Extra Curricular activites with Obese in study population				
		OBESE		
Extra Curricular Activities	**Total**	BMI*	WC*	W/H Ratio*
Indoor	329	34	126	94
Outdoor	529	6	31	25
* --> Significant at <0.05 level				

Figure : 43 Association of Extra Curricular activities with Obese

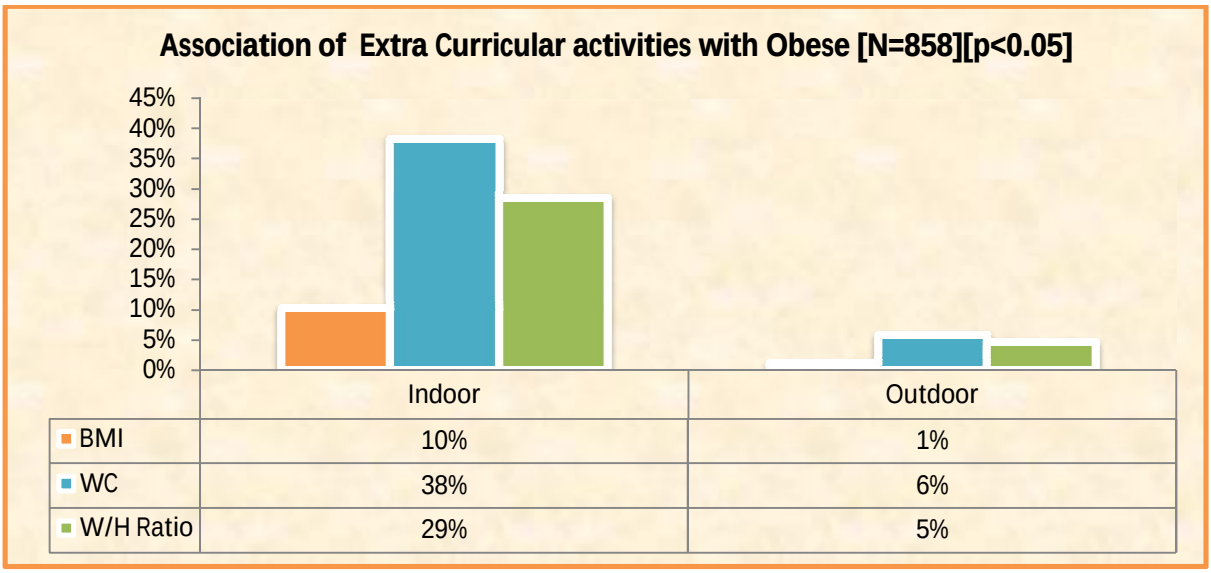
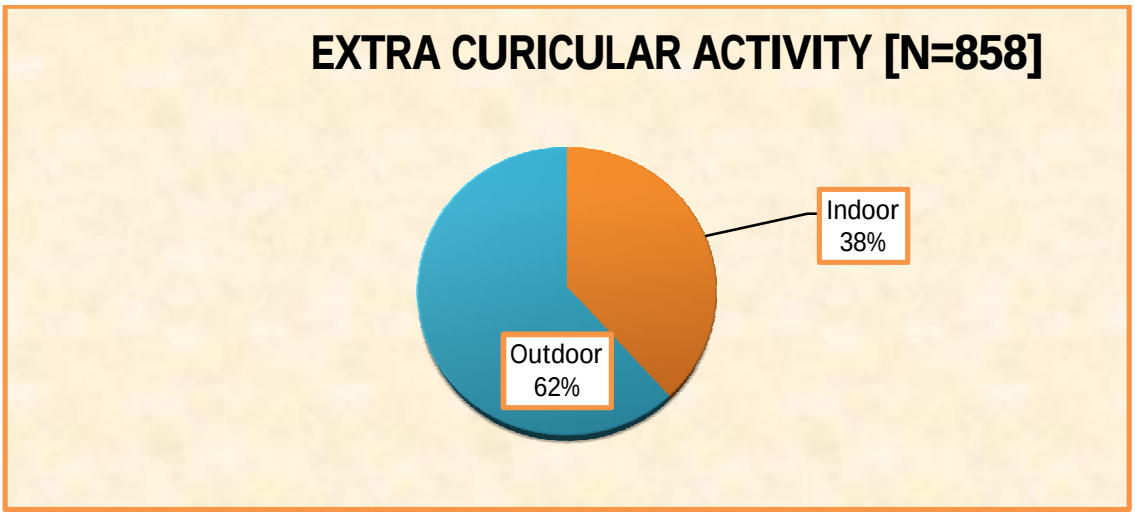


Table : 18 ODDS RATIO - Indoor Activity

ODDS RATIO - Indoor			
		BMI	10.046 [95% CI : 4.168 - 24.21]
		WC	9.971 [95% CI : 6.515 -15.259]
		W/H ratio	8.064 [95% CI : 5.053 - 12.869]

Most of the children predominantly play outdoor games only, 68%.

Figure : 44 Extra Curricular activities



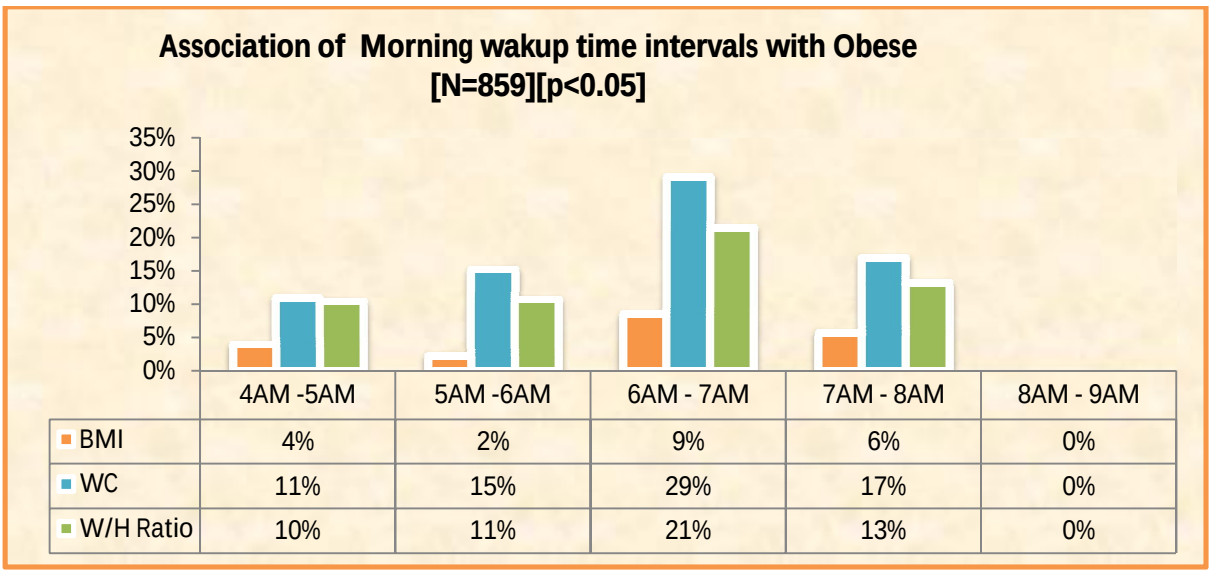
MORNING WAKING UP TIME AND OBESITY

According to this study, the risk for developing obesity is more for children who wake up after 6 am.

Table : 19 Association of Morning wakingup time Intervals with Obese in study population

Association of Morning wakingup time Intervals with Obese in study population				
		OBESE		
Time	**Total**	BMI*	WC*	W/H Ratio*
4AM -5AM	202	8	22	21
5AM -6AM	354	8	54	38
6AM - 7AM	247	21	72	53
7AM - 8AM	53	3	9	7
8AM - 9AM	3	0	0	0
* --> Significant at <0.05 level				

Figure : 45 Association of Morning wake up time intervals with Obese

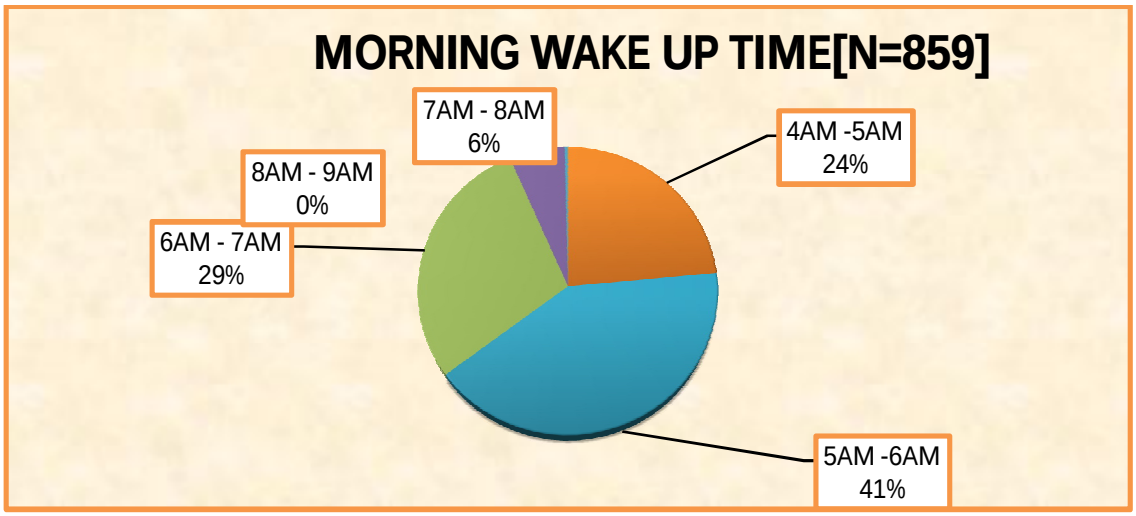


	4AM -5AM	5AM -6AM	6AM - 7AM	7AM - 8AM	8AM - 9AM
BMI	4%	2%	9%	6%	0%
WC	11%	15%	29%	17%	0%
W/H Ratio	10%	11%	21%	13%	0%

The majority of kids around 41% wake up between 5 and 6 am.

Around 53 children wake up after 7 am, and almost 20% of them are obese.

Figure : 46 Morning Wake Up Time



NIGHT SLEEPING TIME AND OBESITY

According to this study, obesity is more in children who sleep after 10 pm.

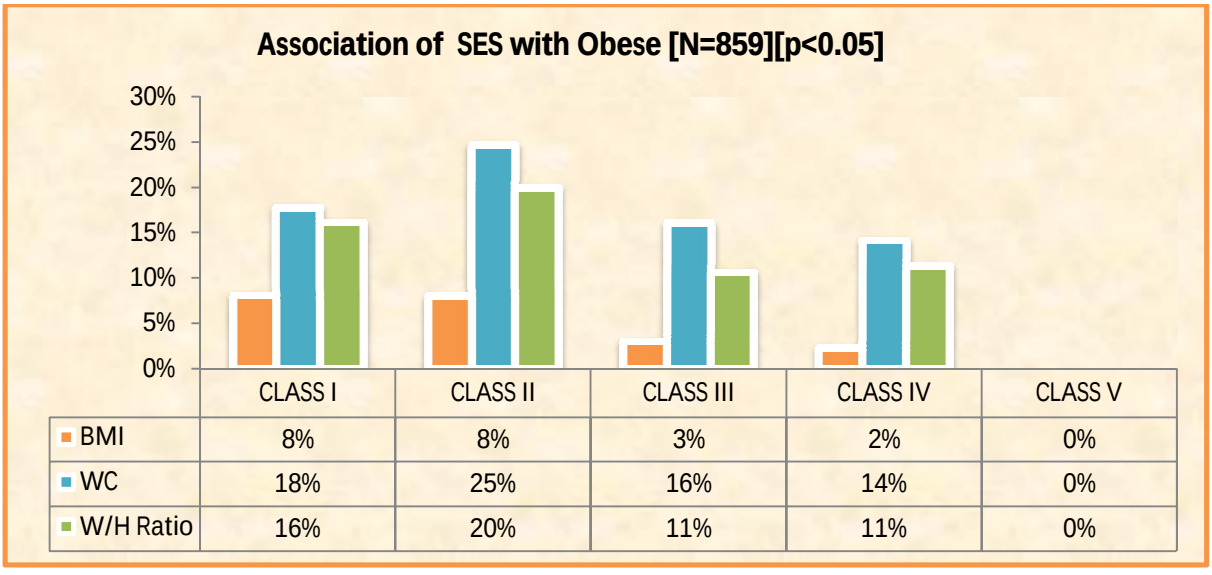
SOCIO ECONOMIC STATUS AND OBESITY

According to this study, obesity is more in class 2 followed by class 1.

Table : 20 Association of SES with Obesity

Association of SES with Obese in study population				
		OBESE		
SES	**Total**	BMI*	WC*	W/H Ratio*
CLASS I	62	5	11	10
CLASS II	251	20	62	50
CLASS III	367	11	59	39
CLASS IV	177	4	25	20
CLASS V	2	0	0	0
* --> Significant at <0.05 level				

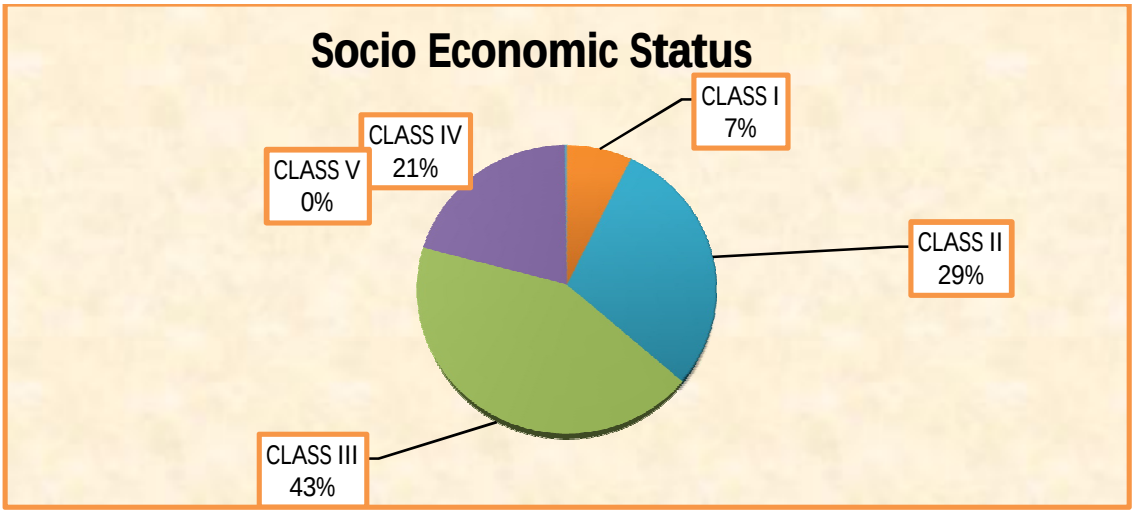
Figure : 47 Association of SES with Obese



Most of the children, 43% belong to class 3 of Modified Kuppusamy Scale.

There is no one in class 5.

Figure : 48 Socio Economic Status



The below table shows the mean of the variables with obesity for BMI

Table : 21 Mean of Clinical Variables with Obesity as per BMI

Mean of Clinical Variables with Obesity as per BMI								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	13.1	1.37	12.64	13.51	11	15	
	NO	13.0	1.43	12.89	13.09	11	15	>0.05
	Total	13.0	1.42	12.90	13.09	11	15	
Father Age	YES	43.5	3.90	42.23	44.72	35	55	
	NO	42.7	5.25	42.30	43.03	31	80	>0.05
	Total	42.7	5.19	42.35	43.05	31	80	
Mother Age	YES	38.0	4.92	36.45	39.60	30	50	
	NO	37.4	5.03	37.06	37.75	23	67	>0.05
	Total	37.4	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	3.3	1.43	2.88	3.79	0	6	
	NO	2.4	1.87	2.29	2.55	0	12	<0.01
	Total	2.5	1.86	2.34	2.59	0	12	
Night sleeping time	YES	10.1	0.88	9.82	10.38	8	12	
	NO	9.7	1.09	9.65	9.80	1	12.3	<0.05
	Total	9.7	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.3	0.88	5.99	6.55	4	8	
	NO	5.9	0.99	5.83	5.96	4	9	<0.05
	Total	5.9	0.99	5.85	5.98	4	9	
Weight	YES	57.4	11.40	53.78	61.07	35	89	
	NO	40.8	8.15	40.23	41.35	22	71	<0.001
	Total	41.6	9.03	40.96	42.17	22	89	
Height	YES	142.8	12.59	138.80	146.85	120	167	
	NO	150.1	9.58	149.39	150.71	115	177	<0.001
	Total	149.7	9.85	149.05	150.37	115	177	
BMI	YES	28.2	4.51	26.73	29.61	22.52	41.6	
	NO	18.1	2.87	17.86	18.25	11.9	26.89	<0.001
	Total	18.5	3.65	18.28	18.77	11.9	41.6	
WC	YES	77.60	4.67	76.11	79.09	70	97	
	NO	64.67	8.25	64.10	65.23	30	93	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.55	0.05	0.53	0.56	0.48	0.66	
	NO	0.43	0.05	0.43	0.43	0.2	0.65	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

The below table shows the mean of the variables with obesity for WC

Table : 22 Mean of Clinical Variables with Obesity as per WC

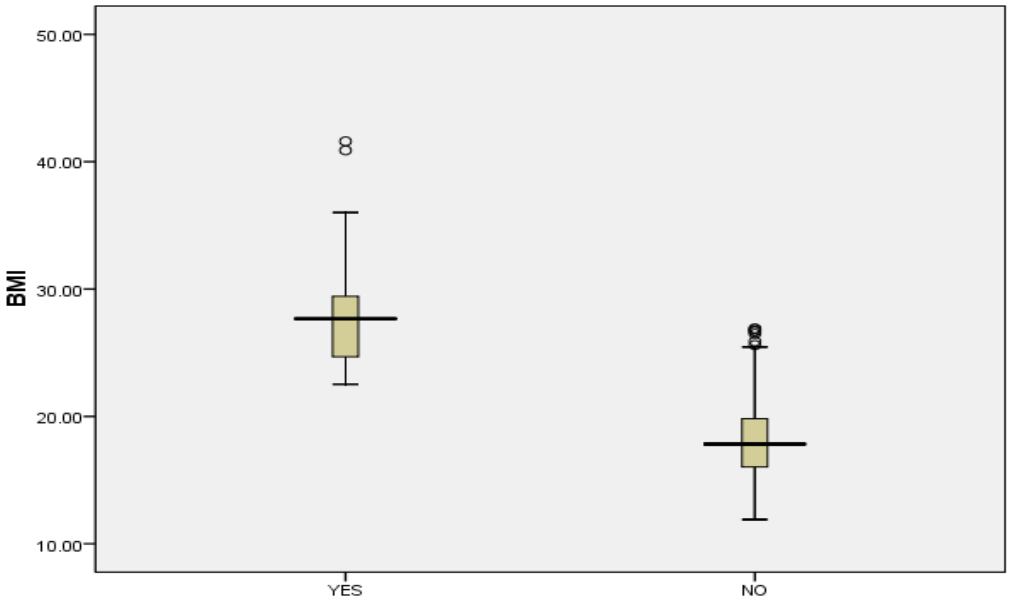
Mean of Clinical Variables with Obesity as per WC								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	12.94	1.40	12.72	13.16	11	15	
	NO	13.01	1.43	12.90	13.11	11	15	>0.05
	Total	13.00	1.42	12.90	13.09	11	15	
Father Age	YES	43.11	4.26	42.43	43.79	32	55	
	NO	42.61	5.38	42.21	43.01	31	80	>0.05
	Total	42.70	5.19	42.35	43.05	31	80	
Mother Age	YES	37.73	4.46	37.02	38.43	29	52	
	NO	37.37	5.14	36.99	37.75	23	67	>0.05
	Total	37.44	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	3.12	1.64	2.86	3.38	0	12	
	NO	2.31	1.87	2.17	2.45	0	12	<0.01
	Total	2.46	1.86	2.34	2.59	0	12	
Night sleeping time	YES	9.95	0.83	9.82	10.08	8	12	
	NO	9.70	1.13	9.62	9.78	1	12.3	<0.01
	Total	9.75	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.16	0.85	6.02	6.29	4	8	
	NO	5.86	1.01	5.78	5.93	4	9	<0.05
	Total	5.91	0.99	5.85	5.98	4	9	
Weight	YES	51.42	9.23	49.97	52.88	30	89	
	NO	39.36	7.36	38.82	39.91	22	70	<0.001
	Total	41.57	9.03	40.96	42.17	22	89	
Height	YES	149.23	11.27	147.46	151.01	115	170	
	NO	149.82	9.51	149.12	150.53	120	177	>0.05
	Total	149.71	9.85	149.05	150.37	115	177	
BMI	YES	23.22	4.21	22.55	23.88	13.16	41.6	
	NO	17.48	2.52	17.29	17.66	11.9	28.4	<0.001
	Total	18.53	3.65	18.28	18.77	11.9	41.6	
WC	YES	77.23	5.11	76.43	78.04	67	97	
	NO	62.59	6.69	62.10	63.09	30	92	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.52	0.05	0.51	0.53	0.45	0.66	
	NO	0.42	0.04	0.42	0.42	0.2	0.59	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

The below table shows the mean of the variables with obesity for WHR

Table : 23 Mean of Clinical variables with Obesity as per WHR

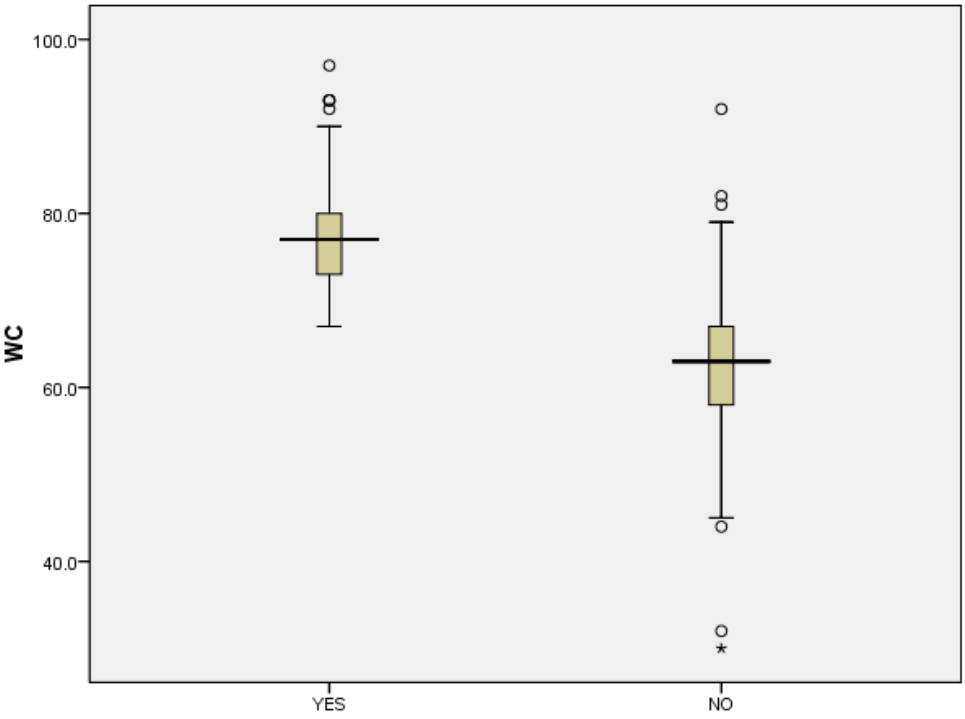
Mean of Clinical Variables with Obesity as per W/H ratio								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	13.22	1.34	12.98	13.46	11	15	
	NO	12.96	1.43	12.86	13.06	11	15	>0.05
	Total	13.00	1.42	12.90	13.09	11	15	
Father Age	YES	43.42	4.28	42.63	44.21	32	55	
	NO	42.59	5.32	42.20	42.98	31	80	>0.05
	Total	42.70	5.19	42.35	43.05	31	80	
Mother Age	YES	37.76	4.60	36.93	38.60	29	52	
	NO	37.38	5.09	37.01	37.75	23	67	>0.05
	Total	37.44	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	2.99	1.50	2.72	3.26	0	9	
	NO	2.38	1.90	2.24	2.51	0	12	<0.01
	Total	2.46	1.86	2.34	2.59	0	12	
Night sleeping time	YES	9.87	0.84	9.72	10.02	8	12	
	NO	9.73	1.12	9.65	9.81	1	12.3	>0.05
	Total	9.75	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.09	0.88	5.93	6.25	4	8	
	NO	5.88	1.00	5.81	5.96	4	9	<0.05
	Total	5.91	0.99	5.85	5.98	4	9	
Weight	YES	52.00	10.35	50.12	53.88	30	89	
	NO	39.89	7.56	39.34	40.43	22	70	<0.001
	Total	41.57	9.03	40.96	42.17	22	89	
Height	YES	146.05	11.91	143.89	148.22	115	169	
	NO	150.30	9.35	149.63	150.98	120	177	<0.001
	Total	149.71	9.85	149.05	150.37	115	177	
BMI	YES	24.39	4.13	23.64	25.14	13.16	41.6	
	NO	17.58	2.51	17.40	17.76	11.9	28.4	<0.001
	Total	18.53	3.65	18.28	18.77	11.9	41.6	
WC	YES	78.11	5.47	77.11	79.10	60	97	
	NO	63.20	7.04	62.69	63.71	30	92	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.54	0.04	0.53	0.54	0.45	0.66	
	NO	0.42	0.04	0.42	0.42	0.2	0.59	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

Figure : 49 Obesity as per BMI



The below table shows the mean of the variables with obesity for WC.

Figure : 50 Obesity as per WC



The below table shows the mean of the variables with obesity for WHR.

Figure : 51 Obesity as per W/H ratio

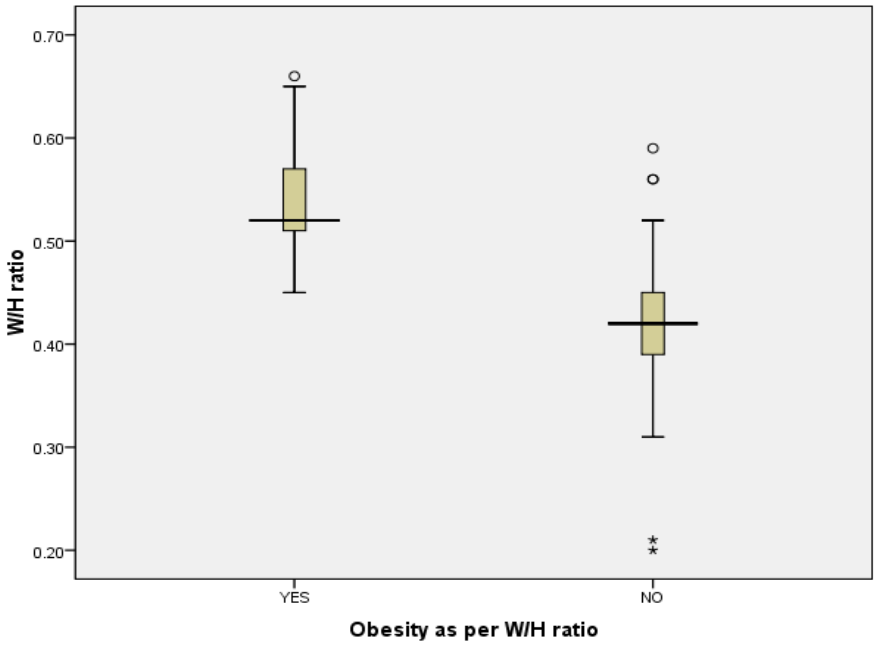


Figure : 52 ROC CURVE

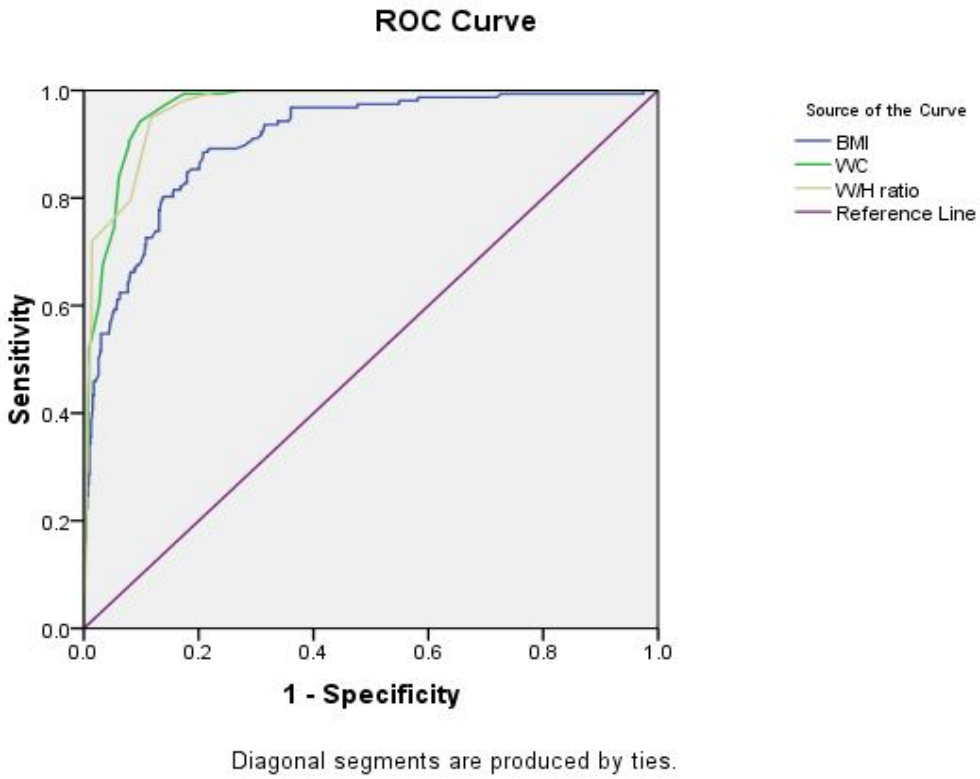


TABLE : 24 Area under the Curve

Area Under the Curve					
Test Result Variable(s)	Area	Std. Error[a]	Asymptotic Sig.[b]	Asymptotic 95% Confidence Interval	
				Lower Bound	Upper Bound
BMI	0.909	0.013	0.000	0.884	0.934
WC	0.969	0.005	0.000	0.959	0.979
W/H ratio	0.968	0.005	0.000	0.957	0.978
The test result variable(s): BMI, WC, W/H ratio has at least one tie between the positive actual state group and the negative actual state group. Statistics may be biased.					
a. Under the nonparametric assumption					
b. Null hypothesis: true area = 0.5					

The above diagram shows the ROC curve and the sensitivity of the three indices.

STATISTICAL ANALYSIS

Statistical Analysis:

The data are reported as the mean +/- SD or the median, depending on their distribution. The differences in quantitative variables between groups were assessed by means of the unpaired t test. Comparison between groups was made by the Non parametric Mann - Whitney test ANOVA was used to assess the quantitative variables. A Chi Square test was used to assess differences in categoric variables between groups. ROC curve and Odds ratio were performed.

A p value of <0.05 using a two-tailed test was taken as being of significance for all statistical tests. All data were analysed with a statistical software package .(SPSS, version 16.0 for windows)

DISCUSSION

The principal outcome of the study was to estimate the prevalence of obesity in 11 to 15 year old school children using BMI, WC and WHR. When compared with other studies which were done in urban schools the prevalence is within the range of 1-13% and when WC is used the prevalence is 18%, which is slightly higher.

Much studies have not been conducted using all three parameters for estimation of obesity and hence in this study we could estimate that by using WC for estimating obesity, then the prevalence increases by 13.6% and by using WHR the estimation of obesity increases by 9.2% and by using combined WC and WHR the estimation of obesity increases by 11.4% than BMI which only estimates 5% of obesity. Thus if only a single factor such as BMI is used obesity may be underdiagnosed.

Obesity, in this study, is also more in private schools when compared with government schools similar to other studies and more in females which is also similar in other studies.

Various risk factors like number of hours of screen viewing time, number of meals consumed during that time, more indoor activities and late night sleep which are statistically significant and which increase the risk of obesity has been studied.

Other details like the educational status of parents, their profession, family income and the socio-economic status have been studied.

Details like family size and the number of siblings have been studied. Though not all the variables are statistically significant the risk of not becoming obese with increased family members and more siblings has been studied.

SUMMARY

- Total no of children included in the study-860 170 children were included in each group from 11-15 years.
- Number of males -340 and the number of females-520
- The total number of children from private school-460 and the number of children from government school -400
- From this study, the prevalence is according to BMI - 5% are obese, WC - 18% are obese, WHR - 14% are obese.

  The effect size - by WC more than BMI in estimating obesity is 14% .

- Obesity is more in children between 12-14 yrs than 11 1nd 15 yrs.
- Obesity is more in females in all age groups.
- Obese children are more in class 8 followed by class 7 and 9.
- Obesity is more in private schools when compared to government schools.
- Obese children are more for both father and mother who are semi skilled and those who are business men and agriculturists.
- Obese children are more in families who earn between Rs.12,000 and Rs.32,000.
- Children with screen viewing time of more than 3 hours are obese.
- Obesity is found more in children who eat more than 3 meals while

watching TV or using other electronic gadgets.

- Obesity is more in children who are involved in indoor activities.
- Obesity is more for children who wake up after 6 am.
- Obesity is more in children who sleep after 10 pm.
- Obesity is more in SES class 2 followed by class 1.

CONCLUSION

- Obesity is becoming a public health problem in our country.
- The overall prevalence of obesity in our study is within the same range as compared to other studies.

  If obesity is estimated using only BMI, obesity may be underdiagnosed.
- Major factors which influence the prevalence of obesity are increased number of hours of screen viewing time, number of meals consumed during that time, more indoor activities and late night sleep.

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Indian Children Aged 3-16 Years REBECCAKURIYAN, TINKUTHOMAS, DEEPAP LOKESH, NISHITAR SHETH, ANVESHAMAHENDRA, RENJU JOY, SUMITHRAS, *SWARNAREKHABHAT ANDANURAV KURPAD From the Division of Nutrition, St John's Research Institute, and *Department of Paediatrics, St John's Medical College, St John's National Academy of Health Sciences, Bangalore 560 034, India. Correspondence to: Rebecca Kuriyan, Division of Nutrition, St John's Research Institute.

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DATE OF ASSESSMENT :

1. NAME: 2. AGE: 3. SEX: MALE / FEMALE

4. D.O.B: 5. STANDARD:

6. NAME OF SCHOOL:

7. FATHER'S NAME: 8. AGE: 9. EDU. QUAL: 10. OCCUPATION:

11. MOTHER'S NAME: 12. AGE: 13. EDU. QUAL: 14. OCCUPATION:

15. MONTHLY INCOME OF FAMILY :

16. LIVING WITH : PARENT / GRAND PARENT / GUARDIAN

17. NO OF SIBLINGS : BROTHER: SISTER:

18. NO OF MEMBERS IN FAMILY :

19. SNACKS EATEN EVERY DAY :

20. NO OF HOURS WATCHING TV :

21. NO OF MEALS TAKEN WATCHING TV :

22. EXTRA CURRICULAR ACTIVITIES : INDOOR / OUTDOOR DAYS / WEEK:

23. NIGHT SLEEPING TIME : 5 DAYS / WEEK:

24. MORNING WAKING TIME : 5 DAYS / WEEK:

25. ANY DOCUMENTED MEDICAL ILLNESS IN SCHOOLHEALTH RECORD :

IF YES :

26. ANY OBVIOUS EXTERNAL ANOMALY :

27. SOCIOECONOMICS STATUS :

28. WEIGHT IN KG :

29. HEIGHT IN CM :

30. WAIST CIRCUMFERENCE IN CM :

31. BMI :

32. WAIST HEIGHT RATIO :

33. OBESITY AS PER BMI:

34. OBESITY AS PER WAIST CIRCUMFERENCE :

35. OBESITY AS PER WAIST HEIGHT RATIO :

xggpj;gotk;

gs;spbgah; :

Kfthp :

muRnfhitkUj;Jtf;fy;Yhhpapy;bghJkUj;Jt Jiwapy;glhl;nkwgoggpaYk;khztp **M.mUe;jjp**mth;fs;nkwpbfhs;Sk;"**nfhitkhtl;ljjpy;11-15taJcss;sgs;spbry;Yk;FHe;ijfspd;cly;gUkidMuha;jy;**" gwwpa Ma;tpy; bra;Kiw kwWk; midj;Jtpsf;f';fisak;nfl;Lf;bfhz;L vdJ ren;jf';fis bjhptpgLj;jpf;bfhz;nld;vdgij bjhptpj;Jf;bfhs;fpnwd;

ehd;,e;j Ma;tpy;,e;j gs;spFHe;ijfis fye;Jbfhs;s KGrkak;jj;JlDk;/Rarpe;jidapDk; rkak;jpf;fpnwd;

,e;j Ma;tpy; gs;spFHe;ijfs; gwwpa midj;Jtpgu';fs; ghJfhf;fg;gLtJld; ,jd; Kot[fs; Ma;tpjHpy; btspapLggLtjpy; Mlnrgiz ,y;iy vdgij bjhptpj;Jf;bfhs;fpnwd;ve;j neuj;jpYk;,e;j Ma;tpy; ,Ue;J ehd; tpyfpf;bfhs;s vdfF chpik czL vdgijak;mwpntd;

,lk;

njjp

ANNEXURE - 2

REVISED TABLE FOR SCALES IN 2012 TO DEFINE SOCIOECONOMIC STATUS

(A) Education Score		
1	Profession or Honours	*7*
2	Graduate or post graduate	*6*
3	Intermediate or post high school diploma	*5*
4	High school certificate	*4*
5	Middle school certificate	*3*
6	Primary school certificate	*2*
7	Illiterate	*1*

(B) Occupation Score		
1	Profession	*10*
2	Semi-Profession	*6*
3	Clerical, Shop-owner, Farmer	*5*
4	Skilled worker	*4*
5	Semi-skilled worker	*3*
6	Unskilled worker	*2*
7	Unemployed	*1*

(C) Monthly family income in Rs		*Score*	*Modified for 1998* [3] *in* Rs	Modified for 2012 in Rs
1	≥ 2000	*12*	≥ 13500	≥32050
2	1000-1999	*10*	6750 - 13499	*16020 – 32049*
3	750-999	*6*	5050 - 6749	*12020 – 16019*
4	500-749	*4*	3375 - 5049	*8010 – 12019*
5	300-499	*3*	2025 - 3374	*4810 – 8009*
6	101-299	*2*	676 - 2024	*1601 – 4809*
7	≤ 100	*1*	≤ 675	*≤ 1600*

Total Score	Socioeconomic class
26-29	Upper (I)
16-25	Upper Middle (II)
11-15	Middle/Lower middle (III)
5-10	Lower/Upper lower (IV)
<5	Lower (V)

ANNEXURE - 3

HEIGHT(cm) CENTILES AND STANDARD DEVIATION FOR BOYS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	99.0	102.3	105.6	108.9	112.4	115.9	119.4	5.7
5.5	101.6	105.0	108.4	111.9	115.4	119.0	122.7	5.3
6.0	104.2	107.7	111.2	114.8	118.5	122.2	126.0	5.6
6.5	106.8	110.4	114.0	117.8	121.6	125.4	129.3	5.5
7.0	109.3	113.0	116.8	120.7	124.6	128.6	132.6	5.9
7.5	111.8	115.7	119.6	123.5	127.6	131.7	135.9	5.7
8.0	114.3	118.2	122.3	126.4	130.5	134.8	139.1	6.3
8.5	116.7	120.8	124.9	129.1	133.4	137.8	142.2	6.1
9.0	119.0	123.2	127.5	131.8	136.3	140.7	145.3	6.4
9.5	121.3	125.6	130.0	134.5	139.1	143.7	148.3	6.4
10.0	123.6	128.1	132.6	137.2	141.9	146.6	151.4	6.8
10.5	125.9	130.5	135.2	139.9	144.7	149.5	154.4	6.5
11.0	128.2	133.0	137.8	142.7	147.6	152.5	157.5	7.6
11.5	130.7	135.6	140.6	145.5	150.5	155.6	160.6	7.3
12.0	133.2	138.3	143.3	148.4	153.5	158.6	163.7	8.1
12.5	135.7	141.0	146.2	151.4	156.5	161.7	166.8	7.9
13.0	138.3	143.7	149.0	154.3	159.5	164.7	169.9	9.0
13.5	140.9	146.4	151.8	157.2	162.4	167.6	172.7	8.4
14.0	143.4	149.0	154.5	159.9	165.1	170.3	175.4	9.0
14.5	145.8	151.5	157.0	162.3	167.6	172.7	177.7	7.8
15.0	148.0	153.7	159.2	164.5	169.7	174.8	179.7	7.9
15.5	150.0	155.7	161.2	166.5	171.6	176.5	181.4	6.6
16.0	151.8	157.4	162.9	168.1	173.1	178.0	182.7	7.2
16.5	153.4	159.1	164.5	169.6	174.5	179.3	183.8	6.7
17.0	155.0	160.6	165.9	171.0	175.8	180.4	184.8	6.9
17.5	156.6	162.1	167.3	172.3	177.0	181.5	185.8	6.1
18.0	158.1	163.6	168.7	173.6	178.2	182.5	186.7	6.9

ANNEXURE - 4

HEIGHT(cm) CENTILES AND STANDARD DEVIATION FOR GIRLS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	97.2	100.5	103.9	107.5	111.3	115.2	119.3	5.4
5.5	99.8	103.2	106.8	110.5	114.4	118.3	122.5	5.7
6.0	102.3	106.0	109.7	113.5	117.4	121.5	125.6	5.8
6.5	104.9	108.7	112.5	116.5	120.5	124.6	128.7	5.5
7.0	107.4	111.4	115.4	119.4	123.5	127.7	131.9	6.1
7.5	110.0	114.1	118.2	122.4	126.6	130.8	135.0	6.0
8.0	112.6	116.8	121.1	125.4	129.6	133.9	138.1	6.2
8.5	115.2	119.6	124.0	128.4	132.7	137.0	141.3	6.8
9.0	117.8	122.4	126.9	131.4	135.8	140.2	144.5	6.9
9.5	120.5	125.2	129.9	134.4	138.9	143.3	147.6	6.6
10.0	123.3	128.1	132.8	137.4	142.0	146.4	150.8	7.8
10.5	126.1	130.9	135.7	140.4	145.0	149.5	153.9	7.3
11.0	128.8	133.7	138.6	143.3	147.9	152.4	156.8	7.9
11.5	131.5	136.4	141.2	145.9	150.6	155.1	159.6	7.1
12.0	134.0	138.9	143.7	148.4	153.0	157.5	162.0	7.0
12.5	136.3	141.1	145.8	150.5	155.1	159.6	164.1	6.7
13.0	138.2	142.9	147.6	152.2	156.8	161.3	165.9	6.9
13.5	139.9	144.5	149.1	153.6	158.2	162.7	167.2	6.0
14.0	141.3	145.8	150.2	154.7	159.2	163.7	168.2	6.6
14.5	142.4	146.8	151.1	155.5	160.0	164.5	169.0	5.9
15.0	143.3	147.5	151.8	156.1	160.5	165.0	169.5	6.6
15.5	144.1	148.1	152.3	156.6	160.9	165.3	169.8	5.9
16.0	144.7	148.6	152.7	156.9	161.2	165.6	170.1	6.1
16.5	145.2	149.1	153.1	157.2	161.4	165.7	170.2	6.4
17.0	145.7	149.5	153.4	157.4	161.6	165.9	170.4	6.5
17.5	146.2	149.8	153.6	157.6	161.7	166.0	170.5	6.7
18.0	146.6	150.2	153.9	157.8	161.9	166.1	170.6	6.6

ANNEXURE - 5

WEIGHT(Kg) CENTILES AND STANDARD DEVIATION FOR BOYS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	13.2	14.3	15.6	17.1	19.0	21.3	24.2	3.2
5.5	13.8	15.0	16.5	18.2	20.3	22.9	26.1	2.9
6.0	14.5	15.8	17.4	19.3	21.7	24.6	28.3	3.6
6.5	15.3	16.8	18.6	20.7	23.3	26.6	30.8	3.8
7.0	16.0	17.6	19.6	21.9	24.9	28.6	33.4	4.2
7.5	16.7	18.5	20.7	23.3	26.6	30.8	36.2	4.9
8.0	17.5	19.5	21.9	24.8	28.5	33.2	39.4	5.7
8.5	18.3	20.5	23.2	26.4	30.5	35.7	42.6	6.5
9.0	19.1	21.5	24.3	27.9	32.3	38.0	45.5	6.3
9.5	19.9	22.4	25.6	29.4	34.3	40.5	48.6	7.0
10.0	20.7	23.5	26.9	31.1	36.3	43.0	51.8	7.9
10.5	21.6	24.6	28.3	32.8	38.5	45.8	55.2	8.3
11.0	22.6	25.9	29.8	34.7	40.9	48.7	58.7	8.9
11.5	23.8	27.3	31.6	36.9	43.5	51.8	62.5	9.3
12.0	24.9	28.7	33.3	39.0	46.0	54.8	66.1	10.0
12.5	26.1	30.2	35.1	41.2	48.6	57.8	69.5	10.6
13.0	27.5	31.8	37.0	43.3	51.1	60.7	72.6	11.3
13.5	29.0	33.6	39.1	45.7	53.8	63.6	75.6	11.4
14.0	30.7	35.5	41.3	48.2	56.4	66.3	78.3	12.1
14.5	32.6	37.7	43.7	50.8	59.1	69.1	80.9	11.6
15.0	34.5	39.8	45.9	53.1	61.6	71.5	83.1	12.1
15.5	36.1	41.6	47.9	55.2	63.6	73.4	84.7	11.2
16.0	37.5	43.1	49.5	56.8	65.2	74.8	85.8	12.2
16.5	38.7	44.4	50.9	58.2	66.6	76.1	86.8	12.6
17.0	39.8	45.6	52.1	59.5	67.8	77.1	87.5	12.3
17.5	40.8	46.7	53.2	60.6	68.7	77.8	88.0	12.3
18.0	41.8	47.7	54.3	61.6	69.7	78.6	88.4	11.3

ANNEXURE - 6

WEIGHT(Kg) CENTILES AND

STANDARD DEVIATION FOR GIRLS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	12.3	13.4	14.8	16.4	18.5	21.3	25.0	2.5
5.5	13.0	14.3	15.7	17.6	19.9	22.9	27.0	3.5
6.0	13.7	15.1	16.7	18.7	21.3	24.6	29.1	3.4
6.5	14.4	15.9	17.7	19.9	22.7	26.3	31.2	4.1
7.0	15.1	16.8	18.7	21.2	24.2	28.2	33.4	4.4
7.5	15.9	17.7	19.9	22.5	25.9	30.1	35.7	4.8
8.0	16.7	18.7	21.1	24.0	27.6	32.2	38.1	5.2
8.5	17.5	19.7	22.3	25.5	29.5	34.4	40.7	6.4
9.0	18.5	20.9	23.7	27.2	31.5	36.7	43.4	6.4
9.5	19.5	22.1	25.3	29.0	33.6	39.3	46.3	6.9
10.0	20.7	23.5	26.9	31.0	36.0	42.0	49.4	7.7
10.5	22.0	25.1	28.8	33.2	38.4	44.8	52.6	8.3
11.0	23.3	26.7	30.7	35.4	41.0	47.7	55.9	8.5
11.5	24.8	28.4	32.6	37.6	43.6	50.6	59.1	9.1
12.0	26.2	30.0	34.5	39.8	46.0	53.4	62.1	9.0
12.5	27.6	31.6	36.3	41.8	48.2	55.8	64.8	9.7
13.0	28.9	33.1	37.9	43.6	50.2	57.9	67.1	9.4
13.5	30.2	34.4	39.4	45.1	51.8	59.7	69.0	9.8
14.0	31.3	35.6	40.6	46.4	53.2	61.1	70.4	9.6
14.5	32.3	36.6	41.7	47.5	54.3	62.2	71.4	9.4
15.0	33.1	37.5	42.5	48.4	55.1	62.9	72.1	9.6
15.5	34.0	38.3	43.3	49.1	55.8	63.5	72.5	8.7
16.0	34.7	39.1	44.0	49.7	56.3	64.0	72.8	8.7
16.5	35.5	39.8	44.7	50.3	56.9	64.4	73.1	9.2
17.0	36.2	40.5	45.3	50.9	57.3	64.7	73.3	8.8
17.5	36.9	41.1	46.0	51.5	57.8	65.0	73.4	9.5
18.0	37.6	41.8	46.6	52.0	58.2	65.3	73.5	10.2

ANNEXURE- 7

BODY MASS INDEX PERCENTILE AND STANDARD DEVIATION FOR BOYS

Age	*3*	*5*	*10*	*25*	*50*	*23 Eq(71)*	*27 Eq(90)*	*SD*
5.0	12.1	12.4	12.8	13.6	14.7	15.7	17.5	1.6
5.5	12.2	12.4	12.9	13.7	14.8	15.8	17.6	1.5
6.0	12.2	12.5	12.9	13.7	14.9	16.0	17.8	1.8
6.5	12.3	12.5	13.0	13.8	15.0	16.1	18.0	1.8
7.0	12.3	12.6	13.1	13.9	15.1	16.3	18.2	1.9
7.5	12.4	12.7	13.2	14.1	15.3	16.5	18.5	2.2
8.0	12.5	12.8	13.3	14.2	15.5	16.7	18.8	2.5
8.5	12.6	12.9	13.4	14.4	15.7	17.0	19.2	2.8
9.0	12.7	13.0	13.5	14.5	15.9	17.3	19.6	2.6
9.5	12.8	13.1	13.7	14.7	16.2	17.6	20.1	2.8
10.0	12.9	13.2	13.8	14.9	16.4	18.0	20.5	3.1
10.5	13.0	13.3	14.0	15.1	16.7	18.3	21.0	3.2
11.0	13.1	13.5	14.1	15.4	17.0	18.7	21.5	3.2
11.5	13.2	13.6	14.3	15.6	17.3	19.1	22.1	3.3
12.0	13.3	13.8	14.5	15.8	17.7	19.5	22.6	3.4
12.5	13.5	13.9	14.6	16.0	17.9	19.8	23.0	3.6
13.0	13.6	14.0	14.8	16.3	18.2	20.2	23.4	3.5
13.5	13.7	14.2	14.9	16.5	18.5	20.5	23.8	3.7
14.0	13.8	14.3	15.1	16.7	18.7	20.8	24.2	3.7
14.5	14.0	14.5	15.3	16.9	19.0	21.1	24.5	3.5
15.0	14.2	14.7	15.5	17.2	19.3	21.4	24.9	3.7
15.5	14.4	14.9	15.8	17.4	19.6	21.7	25.2	3.4
16.0	14.6	15.1	16.0	17.7	19.9	22.0	25.5	3.7
16.5	14.9	15.4	16.3	18.0	20.2	22.4	25.8	3.8
17.0	15.1	15.6	16.6	18.3	20.5	22.6	26.0	3.8
17.5	15.4	15.9	16.8	18.6	20.8	22.9	26.3	3.6
18.0	15.6	16.2	17.1	18.9	21.1	23.2	26.6	3.2

ANNEXURE - 8

BODY MASS INDEX PERCENTILE AND STANDARD DEVIATION FOR GIRLS

Age	*3*	*5*	*10*	*25*	*50*	*23 Eq(75)*	*27 Eq(95)*	*SD*
5.0	11.9	12.1	12.5	13.3	14.3	15.5	18.0	1.4
5.5	11.9	12.2	12.6	13.4	14.4	15.7	18.3	1.7
6.0	12.0	12.2	12.7	13.5	14.5	15.9	18.6	1.7
6.5	12.1	12.3	12.8	13.6	14.7	16.1	18.9	2.0
7.0	12.1	12.4	12.8	13.7	14.9	16.4	19.3	2.1
7.5	12.2	12.5	12.9	13.9	15.1	16.6	19.7	2.2
8.0	12.3	12.6	13.1	14.0	15.3	16.9	20.1	2.3
8.5	12.3	12.7	13.2	14.2	15.6	17.2	20.5	2.7
9.0	12.4	12.8	13.3	14.4	15.8	17.6	21.0	2.7
9.5	12.5	12.9	13.5	14.6	16.1	18.0	21.4	2.8
10.0	12.7	13.1	13.7	14.9	16.5	18.4	21.9	2.9
10.5	12.8	13.2	13.9	15.2	16.8	18.8	22.5	3.1
11.0	13.0	13.4	14.1	15.5	17.2	19.3	23.0	3.1
11.5	13.2	13.7	14.4	15.8	17.6	19.8	23.6	3.3
12.0	13.4	13.9	14.7	16.1	18.0	20.2	24.1	3.2
12.5	13.7	14.2	15.0	16.5	18.4	20.7	24.7	3.3
13.0	13.9	14.4	15.2	16.8	18.8	21.1	25.2	3.2
13.5	14.1	14.6	15.5	17.1	19.1	21.5	25.6	3.5
14.0	14.3	14.9	15.7	17.3	19.4	21.8	25.9	3.4
14.5	14.5	15.1	16.0	17.6	19.7	22.0	26.2	3.3
15.0	14.7	15.2	16.1	17.8	19.9	22.3	26.3	3.4
15.5	14.9	15.4	16.3	18.0	20.1	22.4	26.4	3.1
16.0	15.0	15.6	16.5	18.2	20.3	22.6	26.5	3.1
16.5	15.2	15.8	16.7	18.4	20.4	22.8	26.6	3.2
17.0	15.4	16.0	16.9	18.6	20.6	22.9	26.7	3.0
17.5	15.5	16.1	17.1	18.7	20.8	23.1	26.7	3.1
18.0	15.7	16.3	17.3	18.9	21.0	23.2	26.8	3.6

ANNEXURE -9

SMOOTHED AND WEIGHTED AGE AND SEX SPECIFIC WAIST CIRCUMFERENCE PERCENTILE VALUES (cm) FOR INDIAN CHILDREN 3-16 YEARS OF AGE

Sex	Age (y)	Percentiles							
		5th	10th	25th	50th	75th	85th	90th	95th
Boys	3	42.9	44.0	46.0	48.4	51.1	52.7	53.9	55.7
	4	44.1	45.3	47.4	49.9	52.8	54.5	55.7	57.6
	5	45.2	46.5	48.7	51.5	54.6	56.4	57.8	59.8
	6	46.3	47.6	50.1	53.1	56.5	58.6	60.0	62.4
	7	47.4	48.8	51.5	54.8	58.6	60.9	62.5	65.2
	8	48.5	50.0	52.9	56.6	60.8	63.4	65.2	68.2
	9	49.6	51.3	54.4	58.4	63.1	66.0	68.1	71.5
	10	50.8	52.6	56.0	60.4	65.6	68.8	71.1	74.9
	11	52.2	54.1	57.8	62.5	68.1	71.7	74.2	78.5
	12	53.7	55.7	59.6	64.7	70.7	74.6	77.4	82.0
	13	55.4	57.6	61.7	67.0	73.4	77.5	80.4	85.4
	14	57.4	59.6	63.9	69.4	76.1	80.3	83.4	88.5
	15	59.7	62.0	66.3	72.0	78.7	83.0	86.1	91.3
	16	62.4	64.7	69.0	74.7	81.3	85.5	88.6	93.6
Girls	3	44.3	45.3	47.1	49.3	51.8	53.3	54.4	56.1
	4	44.6	45.7	47.7	50.2	52.9	54.6	55.8	57.7
	5	45.3	46.5	48.7	51.4	54.5	56.4	57.8	59.9
	6	46.3	47.6	49.9	52.9	56.4	58.6	60.1	62.6
	7	47.5	48.9	51.5	54.8	58.7	61.1	62.8	65.6
	8	48.9	50.4	53.2	56.8	61.1	63.8	65.8	69.0
	9	50.5	52.1	55.1	59.0	63.7	66.7	68.9	72.4
	10	52.2	53.9	57.1	61.3	66.4	69.6	72.0	75.9
	11	54.0	55.8	59.2	63.7	69.1	72.5	75.0	79.3
	12	55.8	57.7	61.3	66.0	71.6	75.2	77.9	82.3
	13	57.7	59.7	63.4	68.2	74.0	77.7	80.4	84.9
	14	59.7	61.7	65.4	70.2	76.1	79.7	82.5	87.0
	15	61.7	63.7	67.3	72.1	77.7	81.3	83.9	88.2
	16	63.7	65.6	69.1	73.6	79.0	82.3	84.7	88.6

Age: completed age, e.g. 3 y = 3.00-3.99 y

ANNEXURE - 10

SMOOTHED AND WEIGHTED AGE AND SEX SPECIFIC WAIST - HEIGHT(WHT) RATIO PERCENTILE VALUES FOR INDIAN CHILDREN 3-16 YEARS OF AGE

Sex	Age (y)	Percentiles							
		5th	10th	25th	50th	75th	85th	90th	95th
Boys	3	0.44	0.45	0.47	0.50	0.52	0.54	0.55	0.56
	4	0.43	0.44	0.46	0.49	0.51	0.53	0.54	0.56
	5	0.42	0.43	0.45	0.48	0.51	0.52	0.53	0.55
	6	0.41	0.42	0.45	0.47	0.50	0.51	0.52	0.54
	7	0.40	0.41	0.44	0.46	0.49	0.51	0.52	0.54
	8	0.39	0.41	0.43	0.45	0.48	0.50	0.51	0.53
	9	0.38	0.40	0.42	0.45	0.48	0.49	0.51	0.53
	10	0.38	0.39	0.41	0.44	0.47	0.49	0.50	0.52
	11	0.37	0.38	0.41	0.43	0.47	0.49	0.50	0.52
	12	0.37	0.38	0.40	0.43	0.46	0.48	0.50	0.52
	13	0.36	0.38	0.40	0.43	0.46	0.48	0.50	0.52
	14	0.36	0.38	0.40	0.43	0.46	0.49	0.50	0.52
	15	0.37	0.38	0.40	0.43	0.47	0.49	0.50	0.53
	16	0.37	0.39	0.41	0.44	0.48	0.50	0.51	0.53
Girls	3	0.46	0.47	0.49	0.51	0.54	0.55	0.56	0.58
	4	0.45	0.46	0.47	0.50	0.52	0.54	0.55	0.56
	5	0.43	0.44	0.46	0.48	0.51	0.52	0.53	0.55
	6	0.42	0.43	0.45	0.47	0.50	0.51	0.52	0.54
	7	0.41	0.42	0.44	0.46	0.49	0.51	0.52	0.54
	8	0.40	0.41	0.43	0.46	0.48	0.50	0.51	0.53
	9	0.39	0.41	0.43	0.45	0.48	0.50	0.51	0.53
	10	0.39	0.40	0.42	0.45	0.48	0.50	0.51	0.54
	11	0.39	0.40	0.42	0.45	0.48	0.50	0.52	0.54
	12	0.39	0.40	0.42	0.45	0.48	0.50	0.52	0.54
	13	0.39	0.40	0.42	0.45	0.49	0.51	0.52	0.55
	14	0.39	0.40	0.42	0.45	0.49	0.51	0.53	0.55
	15	0.39	0.41	0.43	0.46	0.49	0.52	0.53	0.56
	16	0.40	0.41	0.44	0.47	0.50	0.52	0.54	0.56

Age: completed age, e.g. 3 y = 3.00-3.99 y

ABBREVIATION

SCHOOL:

P- PRIVATE SCHOOL

G-GOVERNMENT SCHOOL

EDUCATIONAL STATUS :

I – ILLITERATE

PS : PRIMARY SCHOOL (1-5 TH STD)

MS : MIDDLE SCHOOL (6 – 8 STD)

HS : HIGH SCHOOL (9 – 10 TH STD)

PHS : POST HIGH SCHOOL (11-12 TH STD)

D : DEGREE

PG : POST GRATUATE

P : PROFESSIONAL AND HONOURS

PROFESSION :

UE : UN EMPLOYED

US : UN SKILLED

S S : SEMI SKILLED

S : SKILLED

F : SHOP AND AGRICULTURE

SP : SEMI PROFESSIONAL

P : PROFESSIONAL

INCOME :

A - < 1600RS

B : 1600 RS – 4809 RS

C : 4810RS – 8009 RS

D : 8010RS - 12019RS

E : 12020 RS – 16019 RS

F : 16020 RS -32049 RS

G : > 32050RS

LIVING WITH

P : PARENTS

G : GUARDIAN

GP : GRAND PARENT

SNACKS

H : HEALTHY

UH : UNHEALTY

EXTRA-CURRICULAR ACTIVITIES

I : INDOOR

O : OUTDOOR

SOCIAL ECONOMICS STATUS

CLASS 1

CLASS 2

CLASS 3

CLASS 4

CLASS 5

ESTIMATION OF OBESITY PROJECT

S No	Name	Age	Sex	Std	School private=Ppublic=G	Father Age	Father edu. QI I,PS,MS,HS,PHS,D,PG	Father Profession UE,US,SS,S,F,SP,P	Mother Age	Mother edu. QI L,PS,MS,HS PHS,D,PD	Mother Profession UE,US,SS,S, SP,P	Income A,B,C,D,E,F,G	Living with parent/ GP / guardian	No of siblings	No of members in family	Snacks eaten everyday H/UH	No of hrs watching Tv	No of meals tkn watching TV	Extra curricular activities I/O	Night sleeping time	Morning waking time	SES	Weight in KG	Height in CM	Waist circumfrence CM	BMI	W/H ratio	Obesity as per BMI	Obesity as per WC	Obesity as per W/Hratio
1	PIOUS S VINSTEN	11	M	7	P	48	D	SH	45	PD	P	C	P		3	UH	4	2	O	10.00	6.00	CLASS 3	53	160	83	20.70	0.52		OBESE	OBESE
2	RIYAS KHAN	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	O	8.50	5.00	CLASS 3	28	142	56	13.89	0.39			
3	JOSHUA	11	M	7	P	45	D	P	35	D	S	B	P	1	4	UH	2.5	1	O	10.00	5.50	CLASS 4	39	135	71	21.40	0.53		OBESE	OBESE
4	BHARATH KUMAR	11	M	7	P	42	MS	SH	31	HS	S	C	P	1	4	UH	4	1	O	10.00	4.00	CLASS 3	28	132	64	16.07	0.48			
5	BALA SANGESH	11	M	7	P	54	MS	UE	40	PS	S	C	P	1	4	H	2	1	O	9.50	6.50	CLASS 3	35	143	69	17.12	0.48			
6	B.AKASH	11	M	7	P	42	MS	S	33	HS	S	B	P		3	UH	2	1	O	9.50	6.50	CLASS 3	29	137	65	15.45	0.47			
7	A.ABIRAM	11	M	7	P	41	HS	SS	34	MS	SS	C	P	1	4	UH	3	3	O	8.50	5.50	CLASS 3	48	154	76	20.24	0.49		OBESE	
8	SATHISH	14	M	7	P	47	MS	UE	42	MS	S	C	P	1	4	UH	3	1	O	9.50	6.30	CLASS 3	30	144	61	14.47	0.42			
9	S. CHARAN	14	M	7	P	47	HS	S	38	MS	US	C	P	1	4	UH	2	1	O	11.00	5.50	CLASS 3	31	140	62	15.82	0.44			
10	VARUN	14	M	7	P	36	MS	UE	32	MS	S	C	P	1	4	UH	5	1	O	10.00	7.50	CLASS 3	39	169	61	13.65	0.36			
11	THOWSHIF AHMED	13	M	7	P	42	MS	US	31	MS	UE	C	P	1	4	UH	2.5	1	O	9.50	5.50	CLASS 3	44	160	61	17.19	0.38			
12	HARIHARAN	13	M	7	P	36	HS	S	34	HS	S	C	P	1	4	H	4	1	O	10.00	6.00	CLASS 3	39.7156	156	60	16.32	0.38			
13	GAUTHAM	13	M	7	P	42	MS	S	37	IL	UE	B	P	1	4	H	4	1	O	9.00	5.00	CLASS 3	29	139	56	15.01	0.40			
14	AM.F ASHIF AHMED	13	M	7	P	40	HS	US	30	MS	UE	C	P	3	6	UH	2	1	O	9.00	6.00	CLASS 3	37	151	59	16.23	0.39			
15	NARENDRAN	13	M	7	P	42	HS	S	38	MS	UE	C	P	1	4	UH	4	1	O	9.50	7.00	CLASS 3	38.5	156	61	15.82	0.39			
16	ABDULLAH	13	M	7	P	50	MS	S	42	HS	UE	D	P	1	4	UH	3	1	O	12.00	7.00	CLASS 3	32	142	55	15.87	0.39			
17	ARUN SELVAN	12	M	7	P	36	MS	US	32	HS	UE	C	P	1	4	UH	1	1	O	9.00	6.00	CLASS 3	37.1	148	57	16.94	0.39			
18	SUHAIL	11	M	7	P	37	MS	S	39	HS	UE	B	P	2	7	UH	2	1	O	9.50	6.00	CLASS 3	23	136	50	12.44	0.37			
19	SUJEETH	11	M	7	P	34	MS	S	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 3	22	134	47	12.25	0.35			
20	SANTRO	11	M	7	P	41	D	P	30	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	28	144	53	13.50	0.37			
21	G.S SURESH	11	M	7	P	46	MS	US	32	MS	UE	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 3	39	144	64	18.81	0.44			
22	SABARI KARTHIK	13	M	7	P	45	MS	S	39	MS	UE	C	P	1	4	UH	2	1	O	10.50	5.50	CLASS 3	31	144	54	14.95	0.38			
23	SANOOP	13	M	8	P	46	MS	US	-	-	-	C	G	2	5	H	3	3	O	9.00	6.00	CLASS 3	61	155	32	25.39	0.21			
24	SUNDARESAN	13	M	8	P	43	D	S	36	MS	UE	C	P	1	4	UH	2	1	O	10.00	7.00	CLASS 3	38	147	61	17.59	0.41			
25	FRANCIS	13	M	8	P	43	MS	SS	33	PS	S	C	P	2	5	UH	2	1	O	9.00	7.00	CLASS 3	36	150	53	16.00	0.35			
26	NISHAD	13	M	8	P	42	I	US	38	PS	UE	C	P	2	5	UH	3	3	O	10.00	6.00	CLASS 2	51	158	70	20.43	0.44			
26	ANEES	13	M	8	P	41	PS	SS	32	HS	UE	D	P	1	4	UH	1	1	O	11.00	6.30	CLASS 3	38	152	64	16.45	0.42			
27	SYED IRSHAD	13	M	8	P	40	I	F	38	MS	UE	D	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	34	152	56	14.72	0.37			
28	MOHAMMAD	13	M	8	P	39	I	S	36	MS	UE	D	P	2	5	H	3	0	O	9.00	6.00	CLASS 2	42	155	62	17.48	0.40			
29	NIZAR	13	M	8	P	41	PS	US	36	PS	UE	D	P	2	5	H	3	2	I	11.00	6.00	CLASS 3	29	145	55	13.79	0.38			
30	SREEHARAN	13	M	8	P	39	HS	S	32	MS	UE	D	P	1	4	UH	2	2	O	9.00	6.00	CLASS 2	50	155	71	20.81	0.46			

31	KARTHIKRAJA	13	M	8	P	37	PS	US	32	HS	UE	D	P	1	4	UH	2	0	O	9.00	6.00	CLASS 3	39	157	56	15.82	0.36			
32	ROSHAN	13	M	8	P	41	MS	S	35	PS	UE	D	P	2	5	H	2	0	O	8.30	6.30	CLASS 3	28	143	50	13.69	0.35			
33	ARSHAD	13	M	8	P	41	HS	S	32	PHS	UE	C	P	1	4	H	3	0	O	12.00	8.00	CLASS 3	27	135	54	14.81	0.40			
34	KARTHIKRAJA	13	M	8	P	45	HS	S	44	HS	UE	D	G	1	4	UH	3	3	O	9.00	6.00	CLASS 3	38	153	57	16.23	0.37			
35	PRASANNA KUMAR	13	M	8	P	-	-	-	36	HS	S	D	P	0	2	UH	1.5	2	O	10.30	5.30	CLASS 3	37	148	60	16.89	0.41			
36	SHEIK MUSHRAF	13	M	8	P	42	PMS	S	36	PHS	UE	D	P	1	4	H	1	0	O	10.00	5.40	CLASS 3	32	142	57	15.87	0.40			
37	RAHUL	13	M	8	P	45	PS	S	43	MS	S	D	P	1	4	UH	1	2	I	10.00	7.00	CLASS 3	35	145	54	16.65	0.37			
38	THOUFEEK	13	M	8	P	35	MS	US	30	PS	UE	D	P	2	6	H	0	0	O	10.00	6.00	CLASS 3	33	133	63	18.66	0.47			
39	KANNAN	13	M	8	P	-	-	-	-	-	-	-	GP	1	4	UH	3	3	I	10.00	7.00	CLASS 3	47	155	68	19.56	0.44			
40	GAJENDRAN	13	M	8	P	48	HS	S	43	HS	UE	D	P	1	4	H	3	1	O	9.00	5.00	CLASS 3	45	162	69	17.15	0.43			
41	SANJAY	13	M	8	P	40	MS	S	37	MS	UE	E	P	1	5	UH	1	0	O	10.30	6.30	CLASS 3	54	148	65	24.65	0.44			
42	HARHARAN	13	M	8	P	44	PS	US	40	D	P	E	P	1	4	H	2	0	O	9.30	6.30	CLASS 2	29	140	51	14.80	0.36			
43	VYSHNAV	13	M	8	P	46	MS	UE	38	PHS	S	D	P	1	4	H	4	2	O	10.00	6.00	CLASS 3	40	156	60	16.44	0.38			
44	JAGANATHAN	13	M	8	P	45	PHS	S	42	D	S	G	P	1	4	UH	1.5	1	I	8.00	5.50	CLASS 2	36	148	55	16.44	0.37			
45	GOPALA KRISHNAN	13	M	8	P	45	HS	S	45	HS	UE	E	P	1	4	H	1	1	O	9.30	6.30	CLASS 3	46	156	67	18.90	0.43			
46	DINESHKUMAR	13	M	8	P	46	MS	S	42	HMS	UE	E	P	1	4	UH	3	3	I	9.00	6.00	CLASS 3	31	150	51	13.78	0.34			
47	ARSHAD AHAMED	13	M	7	P	45	HS	US	42	PHS	S	D	P	0	3	UH	3	3	O	8.00	5.40	CLASS 3	34	142	57	16.86	0.40			
48	ANANDHA RAJ	13	M	8	P	46	MS	S	41	MS	UE	D	P	2	6	H	2	2	I	10.00	6.00	CLASS 3	49	162	63	18.67	0.39			
49	MOHAMMAD AFSAR	13	M	8	P	47	MS	US	41	HS	UE	D	P	2	5	H	5	2	I	10.00	6.30	CLASS 4	44	143	68	21.52	0.48			
50	SATHYA NARAYANAN	13	M	8	P	43	MS	S	38	MS	US	E	P	1	4	UH	0.5	0	I	9.30	6.00	CLASS 3	34	145	55	16.17	0.38			
51	RAJESH	13	M	8	P	42	MS	S	33	MS	UE	D	P	1	4	UH	1	1	O	9.00	6.00	CLASS 3	33	145	67	15.70	0.46			
52	ANAZ	14	M	7	P	45	HS	US	40	HS	UE	F	P	2	5	UH	3	3	O	9.00	6.00	CLASS 2	40	152	69	17.31	0.45			
53	PRACHAD	14	M	8	P	36	PS	US	38	HS	S	E	P	0	3	UH	2	2	O	9.00	6.00	CLASS 3	37	153	64	15.81	0.42			
54	SANJAY	14	M	8	P	32	PHS	S	28	HS	UE	F	P	2	5	UH	1	0	O	9.00	6.00	CLASS 2	36	155	58	14.98	0.37			
55	VENKATESHWARAN	14	M	8	P	38	HS	S	36	D	P	F	P	1	4	UH	3	2	O	10.00	6.00	CLASS 1	31	144	55	14.95	0.38			
56	PARTHIBAN	14	M	8	P	42	PHS	S	40	MS	UE	F	P	1	4	UH	1.5	1	I	9.00	6.30	CLASS 2	25	132	52	14.35	0.39			
57	UMAR	14	M	8	P	43	MS	US	39	PS	UE	F	P	1	4	UH	1	0	O	10.00	7.30	CLASS 3	34	142	58	16.86	0.41			
58	SAI VIGNESH	14	M	8	P	45	HS	F	45	MD	UE	F	P	3	6	UH	2	2	O	10.00	7.00	CLASS 2	46	154	70	19.40	0.45			
59	SRIKANTH	14	M	8	P	40	PHS	S	35	HS	UE	D	P	2	5	UH	2	1	O	9.00	7.00	CLASS 3	35	149	60	15.77	0.40			
60	NEWTON FELIX	14	M	8	P	-	-	-	43	MS	US	C	P	1	3	UH	1	0	O	10.30	5.30	CLASS 4	57	164	72	21.19	0.44			
61	ABDUL ADIL	14	M	8	P	49	MS	S	46	MS	UE	D	P	2	5	UH	1	1	O	9.00	6.00	CLASS 3	49	160	63	19.14	0.39			
62	PRAVEEN	14	M	8	P	44	PS	US	38	HS	US	D	P	1	4	H	2.5	0	I	10.00	6.30	CLASS 4	37	153	60	15.81	0.39			
63	MOHAMMED	14	M	8	P	34	I	US	32	HS	UE	D	P	1	4	UH	2	2	O	9.00	6.00	CLASS 4	43	162	62	16.38	0.38			
64	ABDUL MUNAF	14	M	8	P	42	PHS	S	35	HS	UE	E	P	2	5	UH	1	0	-	9.00	6.00	CLASS 3	44	165	61	16.16	0.37			

65	MANOJ KUMAR	14	M	8	P	45	MS	F	39	PS	UE	E	P	0	3	UH	3	1	I	10.00	7.10	CLASS 3	79	163	86	29.73	0.53	OBESE	OBESE	OBESE
66	GOKULA KRISHNAN	14	M	8	P	45	MS	S	43	MS	S	C	P	1	4	UH	1	1	I	10.50	6.50	CLASS 4	35	146	55	16.42	0.38			
67	MOHAMMAD HARSHAD	14	M	8	P	45	HS	S	40	HS	UE	C	P	1	4	H	4	3	O	9.00	6.00	CLASS 3	23	130	51	13.61	0.39			
68	SHAN SEMIL	13	M	8	P	-	-	-	36	HS	S	B	P	0	2	UH	3	0	O	9.00	5.30	CLASS 4	45	155	65	18.73	0.42			
69	SERALATHAN	11	M	7	P	45	MS	S	42	MS	UE	B	P	1	4	UH	0.5	0	O	10.45	4.45	CLASS 4	26	140	59	13.27	0.42			
70	HARI	13	M	7	P	35	HS	F	30	PHS	UE	E	P	1	4	UH	3	3	I	11.00	5.30	CLASS 2	57	157	84	23.12	0.54		OBESE	OBESE
71	HARIKUMAR	13	M	7	P	41	HS	S	34	PHS	UE	C	P	1	4	UH	0.5	1	O	9.00	6.30	CLASS 3	28	140	60	14.29	0.43			
72	AAKASH	13	M	7	P	44	PHS	F	39	HS	S	G	P	1	6	UH	6	3	I	10.30	6.00	CLASS 2	47	159	76	18.59	0.48		OBESE	
73	SRI KANTH	13	M	7	P	42	HS	F	37	D	UE	C	P	1	4	UH	1.3	1	O	10.30	6.30	CLASS 3	35	146	71	16.42	0.49			
74	SOUNDAERAJAN	13	M	7	P	39	PHS	F	38	PHS	UE	B	P	1	4	UH	1	1	O	9.30	6.30	CLASS 3	40	149	70	18.02	0.47			
75	JOHNSON	13	M	7	P	-	-	-	35	MS	US	B	P	1	3	UH	3	0.3	O	10.30	6.30	CLASS 4	49	155	77	20.40	0.50		OBESE	OBESE
76	CHIRANJIVI	12	M	7	P	41	MS	F	27	MS	S	C	P	0	3	H	3	1	O	9.00	6.30	CLASS 3	37	145	58	17.60	0.40			
77	AFSAL	12	M	7	P	45	MS	F	41	HS	UE	C	P	1	4	UH	1.5	1	I	10.10	6.00	CLASS 3	36	150	67	16.00	0.45		OBESE	OBESE
78	ABISHEK	12	M	7	P	40	HS	S	35	PHS	UE	B	P	2	5	UH	1	1	O	9.00	7.00	CLASS 3	35	150	70	15.56	0.47			
79	SAMUEL	12	M	7	P	45	PS	F	39	D	P	G	P	1	4	UH	4	1	O	10.00	6.00	CLASS 1	44	159	76	17.40	0.48		OBESE	
80	SHANE	12	M	7	P	35	D	SP	32	D	SP	G	P	1	4	UH	5	3	O	9.00	6.15	CLASS 2	67	166	90	24.31	0.54		OBESE	OBESE
81	SOLOMON RAJA DANIEL	12	M	7	P	50	HS	F	47	PHS	UE	C	P	3	6	UH	1	1	I	10.00	6.00	CLASS 3	38	147	69	17.59	0.47			
82	THPWFICK ROSHAN	12	M	7	P	43	PS	US	27	HS	UE	C	P	1	4	UH	3	1	O	9.30	6.00	CLASS 4	27	142	56	13.39	0.39			
83	RUFUS	13	M	7	P	41	D	S	39	D	UE	C	P	1	4	UH	1	1	I	9.00	7.00	CLASS 3	42	150	71	18.67	0.47			
84	LASHAN KUMAR	13	M	7	P	46	PHS	F	45	HS	UE	C	P	1	4	UH	3	1	O	9.00	7.00	CLASS 2	38	151	73	16.67	0.48			
85	VISHNU PRAKASH	12	M	7	P	44	MS	S	41	PS	UE	C	P	0	3	UH	5	1	I	8.30	7.00	CLASS 4	31	140	64	15.82	0.46			
86	VISHNU	12	M	7	P	45	MS	S	41	MS	S	D	P	1	4	UH	4	1	O	10.00	6.00	CLASS 3	31	140	60	15.82	0.43			
87	VIGNESH KUMAR	12	M	7	P	47	D	P	35	PHS	S	C	P	1	5	UH	1	1	I	10.00	7.00	CLASS 2	34	154	70	14.34	0.45			
88	NANDHA KUMAR	12	M	7	P	44	HS	S	38	MS	UE	D	P	1	4	UH	2	1	O	9.30	4.45	CLASS 3	24	135	56	13.17	0.41			
89	NAGENDRAN	12	M	7	P	32	HS	US	29	MS	UE	C	P	1	6	UH	1	1	I	9.30	5.00	CLASS 4	46	148	74	21.00	0.50		OBESE	OBESE
90	MOHAMMAD AZARUDEEN	12	M	7	P	41	HS	F	39	PHS	F	C	P	1	4	UH	0.5	1	O	10.00	6.30	CLASS 3	24	135	54	13.17	0.40			
91	KISHORE	12	M	7	P	44	PS	F	41	PHS	UE	F	P	1	7	UH	3	0	I	8.00	5.00	CLASS 2	30	145	61	14.27	0.42			
92	JAYASURYA	12	M	7	P	38	PS	S	33	PHS	UE	C	P	1	4	UH	2	1	I	11.00	7.00	CLASS 3	45	157	75	18.26	0.48		OBESE	
93	IRISH AARON	12	M	7	P	43	PHS	SP	42	PHS	SP	E	P	1	4	UH	3.5	2	O	10.00	6.00	CLASS 2	36	150	70	16.00	0.47			
94	GOKULA KRISHNAN	12	M	7	P	39	PS	F	34	HS	UE	C	P	1	4	UH	6	1	O	11.30	7.00	CLASS 3	29	145	61	13.79	0.42			
95	JANARTHANAN	14	M	8	P	43	MS	S	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	42	160	63	16.41	0.39			
96	HARAASARAN	14	M	8	P	58	PHS	S	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 3	30	157	57	12.17	0.36			
97	VISHNU	15	M	8	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	39	159	56	15.43	0.35			
98	SURYA	14	M	8	P	40	HS	S	35	D	UE	D	P	1	4	UH	4	2	I	11.00	7.00	CLASS 3	41	157	65	16.63	0.41			

99	ASHIQ	14	M	8	P	38	HS	US	36	HS	UE	C	P	1	4	UH	4	1	O	8.00	5.00	CLASS 4	36	147	58	16.66	0.39			
100	MUSTHAFA	14	M	8	P	39	PS	F	29	HS	UE	C	P	2	5	UH	2	1	O	9.00	5.00	CLASS 3	34	155	65	14.15	0.42			
101	SANDEEP	14	M	8	P	42	PHS	S	38	HS	UE	D	P	1	8	UH	2	0	O	9.30	6.00	CLASS 3	38	152	59	16.45	0.39			
102	SANJAY KUMAR	14	M	8	P	38	MS	S	35	HS	UE	B	P	1	4	H	2	0	I	10.00	7.00	CLASS 2	28	148	54	12.78	0.36			
103	THEJAS	14	M	8	P	52	D	SP	41	D	UE	C	P	1	4	UH	2	2	O	10.30	6.00	CLASS 3	42	146	64	19.70	0.44			
104	ABDUL RAZAK	12	M	7	P	43	MS	F	33	MS	UE	C	P	2	6	UH	3	1	I	9.00	6.45	CLASS 3	39	140	75	19.90	0.54		OBESE	OBESE
105	HARI KRISHNAN	12	M	7	P	39	PHS	S	35	HS	S	E	P	1	5	UH	2	1	I	10.00	6.45	CLASS 3	42	138	78	22.05	0.57		OBESE	OBESE
106	ABLAH	13	M	8	P	40	PS	F	35	PHS	UE	C	P	1	4	UH	4	1	O	9.30	7.30	CLASS 3	32	138	57	16.80	0.41			
107	JERALD	12	M	8	P	45	HS	S	33	D	SP	E	P	1	4	UH	3	0	O	10.00	6.00	CLASS 2	43	168	66	15.24	0.39			
108	DHALHA	12	M	8	P	43	D	S	39	MS	UE	C	P	1	4	UH	0.5	0	O	10.00	5.00	CLASS 3	47	166	65	17.06	0.39			
109	ROSHAN ASRAF	13	M	8	P	44	HS	S	38	HS	UE	C	P	1	4	UH	3	0	O	10.30	6.00	CLASS 3	40	158	60	16.02	0.38			
110	RAGUF	13	M	8	P	44	HS	S	38	HS	UE	C	P	1	5	UH	4	1	O	10.30	6.00	CLASS 3	30	154	56	12.65	0.36			
111	PARTHIBAN	13	M	8	P	45	MS	S	42	MS	S	D	P	1	8	UH	4	1	O	10.00	7.00	CLASS 3	43	152	76	18.61	0.50		OBESE	OBESE
112	SAMUEL	14	M	8	P	47	PHS	S	42	HS	UE	C	P	0	3	UH	2	0	I	10.00	7.00	CLASS 3	34	136	54	18.38	0.40			
113	THANISH	14	M	8	P	40	HS	F	34	D	UE	E	P	1	5	UH	5	2	I	10.00	6.00	CLASS 2	34	169	60	11.90	0.36			
114	SIVA	14	M	8	P	32	PHS	S	29	HS	UE	C	P	1	4	UH	2	2	O	9.00	6.00	CLASS 3	28	137	51	14.92	0.37			
115	BALA KRISHNAN	15	M	8	P	45	HS	F	39	PHS	F	C	P	1	4	UH	1	0	O	10.00	6.00	CLASS 3	40	175	70	13.06	0.40			
116	VIGNESH	14	M	8	P	43	-	-	39	-	-	-	G	2	JF	UH	4	1	O	9.30	7.00	CLASS 5	38	156	61	15.61	0.39			
117	NAWAS SHERIF	14	M	8	P	45	HS	S	35	MS	UE	C	P	2	5	UH	2	0	I	10.30	6.40	CLASS 3	45	155	65	18.73	0.42			
118	SARAVANA MURUIGAN	14	M	8	P	52	MS	US	46	HS	UE	B	P	2	5	UH	4	3	I	8.30	5.30	CLASS 4	45	143	73	22.01	0.51			OBESE
119	SIMON	13	M	8	P	48	HS	S	42	HS	UE	C	P	2	5	UH	2	0	O	10.00	6.00	CLASS 3	40	159	58	15.82	0.36			
120	DURGAVARANTH	13	M	8	P	45	MS	US	36	MS	S	B	P	1	4	H	0.3	1	O	11.00	7.00	CLASS 4	50	170	68	17.30	0.40			
121	SHRRIF SHMED	13	M	8	P	39	MS	US	34	HS	S	C	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	39	152	60	16.88	0.39			
122	BALAKRISHNAN	13	M	8	P	32	MS	S	30	MS	S	A	P	1	4	UH	3	1	O	9.00	7.00	CLASS 3	40	147	68	18.51	0.46			
123	ANAS	13	M	8	P	40	MS	F	32	HS	UE	C	P	2	5	UH	3	0	O	11.00	6.30	CLASS 3	35	145	58	16.65	0.40			
124	ARAVINTHAN	13	M	8	P	40	PS	F	35	MS	UE	E	P	0	3	UH	5	1	O	11.00	6.00	CLASS 3	42	148	64	19.17	0.43			
125	SATHISH	13	M	8	P	52	HS	S	46	MS	S	C	P	1	4	UH	3	3	O	10.00	6.00	CLASS 3	25	136	51	13.52	0.38			
126	FAZILIKRAM	12	M	8	P	38	HS	S	30	PS	UE	C	P	1	4	UH	2	1	O	9.00	6.00	CLASS 3	35	153	62	14.95	0.41			
127	ANVAR	13	M	8	P	47	MS	S	40	PS	UE	B	P	0	3	UH	5	2	O	10.00	8.00	CLASS 4	60	170	76	20.76	0.45		OBESE	
128	PREMKUMAR	13	M	8	P	45	D	SP	37	D	UE	C	P	1	6	UH	2	3	I	9.00	6.30	CLASS 3	30	149	52	13.51	0.35			
129	THAMEEZ	12	M	8	P	47	PS	S	40	HS	UE	B	P	2	6	UH	2	1	O	10.00	6.00	CLASS 4	40	156	64	16.44	0.41			
130	PRAGADEEWARAN	13	M	8	P	43	HS	S	39	HS	UE	C	P	1	JF	UH	4	1	O	9.30	6.00	CLASS 3	35	149	59	15.77	0.40			
131	KRISHNAKANTH	13	M	8	P	43	HS	S	38	MS	UE	C	P	1	5	UH	5	2	O	11.00	7.00	CLASS 3	40	160	71	15.63	0.44			
132	AJAY	13	M	8	P	43	PHS	F	32	HS	UE	E	P	2	4	UH	5	1	I	10.00	7.00	CLASS 2	52	162	76	19.81	0.47		OBESE	

133	SELVAGANESH	13	M	8	P	45	HS	S	36	PS	S	C	P	1	4	UH	2	2	I	10.30	6.40	CLASS 3	40	154	65	16.87	0.42			
134	MAHESH KUMAR	13	M	8	P	45	MS	S	35	PS	UE	D	P	1	4	UH	6	3	O	10.00	7.00	CLASS 3	25	140	56	12.76	0.40			
135	STEVE JOHANSON	13	M	8	P	47	D	SP	40	PHS	UE	C	P	1	4	UH	2	2	O	10.00	5.00	CLASS 3	32	151	51	14.03	0.34			
136	MANOJ	13	M	8	P	45	PHS	S	37	HS	UE	F	P	2	5	UH	3	2	O	10.00	4.00	CLASS 2	35	146	52	16.42	0.36			
137	KISHORE	13	M	8	P	43	PHS	S	39	MS	UE	C	P	1	4	UH	5	2	O	10.00	7.00	CLASS 3	45	148	60	20.54	0.41			
138	SANJAY	12	M	7	P	42	MS	S	39	MS	UE	C	P	1	4	UH	1	0	O	9.00	6.00	CLASS 4	25	128	50	15.26	0.39			
139	SUHAIL RAHUMAN	12	M	7	P	38	PHS	F	32	HS	UE	C	P	1	7	UH	1	1	O	10.00	7.00	CLASS 3	42	144	73	20.25	0.51		OBESE	OBESE
140	SHIYATH AHMED	12	M	7	P	52	HS	F	47	PHS	UE	G	P	2	5	UH	4	1	O	12.00	6.00	CLASS 2	42	161	59	16.20	0.37			
141	VISWANATH	12	M	7	P	40	HS	S	36	HS	UE	C	P	1	4	H	1	1	I	9.00	6.30	CLASS 3	31	151	52	13.60	0.34			
142	SABARI VASAN	12	M	7	P	42	HS	F	37	MS	UE	C	P	1	4	H	1	1	I	9.00	6.30	CLASS 3	40	159	61	15.82	0.38			
143	GNANA VIGNESH	12	M	7	P	53	MS	S	40	MS	UE	B	P	0	3	H	1	1	O	10.00	7.00	CLASS 4	35	141	62	17.60	0.44			
144	ROSHAN	12	M	7	P	38	HS	S	36	MS	UE	F	P	2	5	UH	3	1	O	10.00	7.00	CLASS 2	43	151	65	18.86	0.43			
145	SALMAN HUSSAIN	13	M	7	P	40	MS	F	33	PHS	UE	C	P	2	5	UH	2	1	O	11.00	7.00	CLASS 3	40	145	62	19.02	0.43			
146	ASHIF AHMED	12	M	7	P	38	HS	S	35	HS	UE	C	P	1	4	UH	3	1	I	10.00	6.00	CLASS 3	51.1	150	74	22.71	0.49		OBESE	
147	MOHAMMED ISSAK	12	M	7	P	52	HS	S	45	PHS	UE	C	P	2	4	UH	2	1	O	10.00	6.30	CLASS 3	29.6	144	55	14.27	0.38			
148	ABISHEK	12	M	7	P	39	HS	S	31	MS	UE	D	P	1	4	UH	3	1	O	9.00	6.00	CLASS 3	34	143	57	16.63	0.40			
149	MUGESH	12	M	7	P	41	HS	F	37	PHS	UE	C	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	33	149	54	14.86	0.36			
150	GOKUL KRISHNAN	12	M	7	P	39	MPS	S	37	HS	UE	B	P	1	4	UH	3	1	O	10.00	7.00	CLASS 4	29	138	57	15.23	0.41			
151	DEVA PRASATH	12	M	7	P	40	PS	F	32	HS	UE	A	P	4	7	UH	1	1	O	8.00	7.00	CLASS 4	42	149	62	18.92	0.42			
152	PRABHU RAM	12	M	7	P	60	PS	F	53	HS	UE	B	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	35	144	60	16.88	0.42			
153	KARTHIKAN	12	M	7	P	40	MS	S	35	HS	S	D	P	1	4	H	1	1	O	10.00	7.00	CLASS 3	28	138	53	14.70	0.38			
154	PRANAV	12	M	7	P	42	PHS	F	35	PHS	UE	C	P	2	5	UH	3	1	I	10.00	7.00	CLASS 3	32	144	53	15.43	0.37			
155	MOHAMMED SHEFAAN	12	M	8	P	46	PHS	F	34	MS	UE	C	P	2	5	UH	2.3	1	O	10.00	6.00	CLASS 3	34	150	53	15.11	0.35			
156	SHIVAA	12	M	8	P	40	D	P	35	PHS	SP	E	P	2	5	UH	1	1	I	9.00	6.00	CLASS 2	35	150	57	15.56	0.38			
157	MOHAMMED IYAS	13	M	8	P	35	HPHS	S	32	HS	UE	G	P	1	4	UH	3	3	O	8.00	6.00	CLASS 2	35	155	59	14.57	0.38			
158	KRISHNA GEETHAN	12	M	8	P	39	PHS	S	35	PHS	UE	D	P	1	4	UH	2	1	I	10.00	6.00	CLASS 3	31	148	51	14.15	0.34			
159	UMAR FARUK	14	M	8	P	43	MS	F	39	MS	UE	D	P	1	4	UH	1	0	O	10.00	7.30	CLASS 3	34	142	58	16.86	0.41			
160	MAHALAKSHMI	13	F	8	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	42	155	65	17.48	0.42			
161	UMA MAHESWARI	13	F	8	G	40	MS	F	35	PS	UE	C	P	1	4	UH	3	2	I	11.00	7.00	CLASS 3	30	151	77	13.16	0.51		OBESE	OBESE
162	PAVITHRA	13	F	8	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	39	157	62	15.82	0.39			
163	KRITHIKA	13	F	8	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	35.5	151	58	15.57	0.38			
164	NIVETHA	13	F	8	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	34	152	61	14.72	0.40			
165	DEVI PRIYA	13	F	8	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	49	148	72	22.37	0.49			
166	POORNIMA	13	F	8	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	36	143	64	17.60	0.45			

167	SUIKSHA	13	F	8	G	36	MS	US	35	MS	US	B	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	33	150	56	14.67	0.37			
168	PAKSHANA	13	F	8	G	36	MS	US	35	MS	US	C	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	48	151	70	21.05	0.46			
169	SAI SHREE	13	F	8	G	42	IL	US	35	IL	US	B	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	34	153	61	14.52	0.40			
170	SWETHA	13	F	8	G	34	MS	S	33	PHS	UE	C	P	1	4	UH	2	1	O	8.30	6.00	CLASS 3	31	142	66	15.37	0.46			
171	VARSHA	13	F	8	G	40	MS	S	38	MS	UE	B	P	2	5	UH	2	1	O	9.30	6.00	CLASS 3	33	148	57	15.07	0.39			
172	KARTHIKA LAKSHMI	13	F	8	G	40	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	30	139	60	15.53	0.43			
173	SHOBIKA	13	F	8	G	40	HS	US	35	MS	US	B	P	0	3	UH	1.3	3	O	8.00	6.00	CLASS 4	34	161	61	13.12	0.38			
174	GOWTHAMI	13	F	8	G	40	HS	S	38	MS	US	C	P	0	3	UH	6	1	O	9.30	5.30	CLASS 3	51	150	84	22.67	0.56		OBESE	OBESE
175	DIVYA LAKSHMI	13	F	8	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	2	2	I	9.00	6.00	CLASS 4	41	157	64	16.63	0.41			
176	NANDHINI	13	F	8	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	47	157	67	19.07	0.43			
177	YAMUNA	13	F	8	G	38	HS	S	35	HS	UE	C	P	1	4	UH	2	2	I	10.00	6.30	CLASS 3	49	150	81	21.78	0.54		OBESE	OBESE
178	MINI	13	F	8	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	28	147	57	12.96	0.39			
179	MADHIVADHINI	14	F	9	G	42	PHS	S	40	HS	UE	D	P	0	5	UH	3	3	I	9.45	7.00	CLASS 3	61	163	81	22.96	0.50		OBESE	OBESE
180	SHAMINI	14	F	9	G	48	PHS	F	45	PS	UE	C	P	1	4	UH	2	1	I	10.00	7.00	CLASS 3	55	160	77	21.48	0.48		OBESE	
181	RAJESWARI	14	F	9	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	2	3	I	9.00	6.00	CLASS 4	43	152	55	18.61	0.36			
182	SAGAYA JENITTA	14	F	9	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	38	148	30	17.35	0.20			
183	MYTHILI	14	F	9	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	53	161	71	20.45	0.44			
184	LAKSHANA	14	F	9	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	1.3	2	I	9.00	6.00	CLASS 4	49	154	67	20.66	0.44			
185	ANISHA FATHIMA	14	F	9	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	46	160	62	17.97	0.39			
186	YUVASRI	14	F	9	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	40	159	58	15.82	0.36			
187	PRIYANGA	14	F	9	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	87	167	97	31.20	0.58	OBESE	OBESE	OBESE
188	SOWNDARYA	14	F	9	G	45	MS	US	40	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	51	152	76	22.07	0.50		OBESE	OBESE
189	HARSHA	14	F	9	G	40	HS	S	35	HS	UE	C	P	1	4	UH	2	3	I	10.00	6.00	CLASS 3	48	156	72	19.72	0.46			
190	KRISHNAKUMARI	14	F	9	G	46	HS	SP	39	HS	UE	E	P	1	4	H	4	1	I	8.00	7.00	CLASS 2	43	156	68	17.67	0.44			
191	SATHYA	15	F	9	G	39	D	F	35	D	UE	G	P	1	4	H	2	1	I	8.00	6.00	CLASS 2	55	153	80	23.50	0.52		OBESE	OBESE
192	ABINAYA	14	F	9	G	40	D	F	36	D	UE	B	P	2	5	UH	2	2	I	9.00	6.00	CLASS 3	37	135	77	20.30	0.57		OBESE	OBESE
193	VAISHNAVI	14	F	9	G	42	PHS	S	36	PHS	UE	F	P	1	4	UH	1	1	O	9.00	6.00	CLASS 2	53	159	75	20.96	0.47			
194	RAMYA	14	F	9	G	40	D	P	35	D	UE	F	P	1	4	H	3	1	I	9.00	6.00	CLASS 1	61	162	93	23.24	0.57		OBESE	OBESE
195	VARSHINI	14	F	9	G	54	HS	S	44	HS	UE	C	P	0	3	H	3	1	I	8.00	6.30	CLASS 3	61	162	93	23.24	0.57		OBESE	OBESE
196	JOTHIKA	14	F	9	G	54	PHS	F	44	HS	F	E	P	1	4	H	4	2	I	9.00	6.30	CLASS 3	61	162	93	23.24	0.57		OBESE	OBESE
197	PANDIN REENA	14	F	9	G	42	D	P	39	D	UE	F	P	1	4	UH	2	1	I	11.00	7.00	CLASS 1	53	159	80	20.96	0.50		OBESE	OBESE
198	KAVIARASHE	14	F	9	G	-	-	-	41	HS	S	B	P	0	3	UH	3	2	I	9.00	5.00	CLASS 4	53	159	82	20.96	0.52		OBESE	OBESE
199	SNEGA	13	F	9	G	45	D	F	40	HS	UE	D	P	1	5	UH	1	1	O	12.00	8.00	CLASS 3	56	159	72	22.15	0.45			
200	GAYATHRI	13	F	9	G	50	I	US	42	PHS	UE	B	P	1	4	UH	3	1	I	9.00	7.00	CLASS 4	47	148	78	21.46	0.53		OBESE	OBESE

201	MUFEENA	15	F	9	G	48	D	S	39	D	S	F	P	0	3	H	5	2	I	10.00	6.00	CLASS 2	55	153	80	23.50	0.52		OBESE	OBESE
202	NANDHINI	14	F	9	G	45	D	P	40	D	UE	G	P	1	4	UH	2	1	I	10.00	6.00	CLASS 1	40	148	70	18.26	0.47			
203	SINDUZA	14	F	9	G	40	HS	US	35	HS	US	B	P	1	4	UH	3	1	I	11.00	7.00	CLASS 4	55	140	78	28.06	0.56	OBESE	OBESE	OBESE
204	SNEHA	13	F	9	G	-	-	-	29	PHS	S	B	P	1	4	H	4	2	I	9.00	6.00	CLASS 3	52	151	82	22.81	0.54		OBESE	OBESE
205	NANDHINI	14	F	9	G	43	D	P	38	PS	UE	G	P	1	4	UH	4	1	I	11.00	7.00	CLASS 1	54	140	78	27.55	0.56	OBESE	OBESE	OBESE
206	AARSHIYA	15	F	9	G	40	D	P	33	PHS	UE	F	P	1	4	H	2	1	I	9.00	6.00	CLASS 1	56	165	75	20.57	0.45			
207	DURGA NANDHINI	15	F	9	G	42	MS	S	36	PHS	UE	B	P	0	3	H	2	2	I	10.00	6.00	CLASS 3	56	165	76	20.57	0.46			
208	KOWSALYA	13	F	9	G	39	PHS	F	33	PS	UE	F	P	1	5	UH	3	1	I	10.00	7.30	CLASS 2	47	148	78	21.46	0.53		OBESE	OBESE
209	DHARANI	14	F	9	G	46	D	P	40	D	UE	G	P	1	4	UH	2	1	I	9.00	5.30	CLASS 1	50	142	79	24.80	0.56		OBESE	OBESE
210	SWETHA	14	F	9	G	42	PHS	S	39	PHS	UE	D	GP	1	4	UH	4	2	O	10.00	7.30	CLASS 3	60	145	83	28.54	0.57	OBESE	OBESE	OBESE
211	SWETHA	13	F	9	G	45	D	F	32	PS	UE	C	P	1	4	UH	3	1	I	10.00	6.30	CLASS 3	56	159	83	22.15	0.52		OBESE	OBESE
212	NALINA	15	F	9	G	37	MS	US	32	I	UE	B	P	1	4	UH	0	0	O	10.00	5.30	CLASS 4	40	156	69	16.44	0.44			
213	SHREEMATHI	15	F	9	G	43	PHS	F	35	MS	UE	D	P	1	4	UH	1.3	1	O	9.00	7.00	CLASS 3	40	156	69	16.44	0.44			
214	MANJU	13	F	9	G	40	D	F	38	D	P	G	P	1	4	UH	3.3	3	I	10.00	7.30	CLASS 1	50	152	74	21.64	0.49			
215	AFRIN ROSHINI	14	F	9	G	45	D	S	36	PHS	UE	D	P	1	4	UH	2	1	I	8.00	6.00	CLASS 3	49	165	75	18.00	0.45			
216	KALISHWARI	13	F	9	G	42	D	P	37	HS	UE	G	P	2	5	UH	4	3	I	9.00	7.30	CLASS 1	50	152	74	21.64	0.49			
217	MANGALESWARI	13	F	9	G	42	HS	F	37	HS	UE	B	G	2	5	H	0	0	I	10.00	5.30	CLASS 1	50	152	74	21.64	0.49			
218	PRIYANGA	14	F	9	G	40	PG	P	35	PG	UE	G	P	2	5	H	2	1	O	10.00	6.00	CLASS 1	49	165	70	18.00	0.42			
219	VAISHNAVI	14	F	9	G	40	D	P	35	PG	P	F	P	1	5	UH	2	2	O	10.00	6.30	CLASS 1	51	165	72	18.73	0.44			
220	VISHNUPRIYA	13	F	9	G	40	HS	S	35	PHS	UE	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 1	47	158	76	18.83	0.48			
221	SHAREENA JASMIN	15	F	9	G	54	D	F	48	HS	UE	G	P	2	5	UH	5	1	O	10.00	6.00	CLASS 2	50	161	80	19.29	0.50		OBESE	
222	ANUSHYA	14	F	9	G	42	PHS	S	32	HS	S	B	P	1	4	UH	3	1	I	10.00	6.30	CLASS 3	51	165	78	18.73	0.47		OBESE	
223	GNANA SOWNDARYA	13	F	9	G	45	PHS	F	40	HS	F	F	P	1	4	UH	2	1	O	9.00	6.30	CLASS 2	44	155	74	18.31	0.48			
224	LANSHYA THERASA	13	F	9	G	45	D	P	40	PHS	UE	G	G	1	4	H	3	2	I	9.00	6.00	CLASS 1	44	155	74	18.31	0.48			
225	SUBIKSHA	13	F	9	G	43	PHS	S	40	MS	UE	C	P	1	4	UH	3	1	O	9.00	6.30	CLASS 3	47	158	72	18.83	0.46			
226	SUSHMITHA	15	F	9	G	50	PG	F	43	D	UE	F	P	2	6	H	2	1	O	9.00	6.30	CLASS 2	50	161	76	19.29	0.47			
227	SHEVANTHIGA	13	F	9	G	43	D	F	32	PHS	UE	B	P	1	4	UH	3	1	O	9.00	6.00	CLASS 3	44	155	74	18.31	0.48			
228	HEMAPRIYA	14	F	9	G	40	PG	P	39	PHS	UE	G	P	1	4	UH	2	1	O	9.00	6.00	CLASS 1	43	153	74	18.37	0.48			
229	CHANDRI	13	F	9	G	42	D	P	36	D	UE	F	P	1	4	H	4	1	I	9.00	6.30	CLASS 1	40	159	69	15.82	0.43			
230	MOHANA	14	F	9	G	46	PG	P	40	PHS	UE	F	P	1	4	H	3	1	O	10.00	7.00	CLASS 1	37	155	71	15.40	0.46			
231	SUMITHRA	14	F	9	G	49	D	P	42	PHS	UE	G	P	1	4	UH	2	2	I	9.00	7.00	CLASS 1	49	164	77	18.22	0.47		OBESE	
232	YUHASINI	13	F	9	G	42	HS	S	36	HS	UE	C	P	1	7	UH	2	1	I	10.00	5.30	CLASS 1	40	159	69	15.82	0.43			
233	CHARULATHA	14	F	9	G	49	D	S	42	D	UE	G	GP	1	6	H	2	0	I	10.00	7.30	CLASS 4	49	164	77	18.22	0.47		OBESE	
234	PRAMIKA	14	F	9	G	40	D	P	35	D	UE	G	P	1	5	UH	2	1	O	10.00	7.00	CLASS 1	42	157	72	17.04	0.46			

235	SRI RANJANI	14	F	9	G	60	PHS	SP	49	HS	UE	B	P	2	5	UH	2	1	I	10.00	7.00	CLASS 3	43	153	74	18.37	0.48			
236	PAVITHRA	14	F	9	G	57	PHS	F	56	PHS	UE	C	P	1	6	UH	2	1	O	9.00	6.30	CLASS 3	41	161	76	15.82	0.47			
237	VINITHA	14	F	9	G	49	PHS	S	42	PHS	UE	C	P	1	4	H	2	2	O	11.00	7.00	CLASS 3	49	164	77	18.22	0.47		OBESE	
238	SWETHA	14	F	9	G	45	HS	F	32	HS	UE	B	P	1	4	UH	2	2	O	10.00	6.00	CLASS 3	43	152	74	18.61	0.49			
239	SANDHYA PRIYA	14	F	9	G	45	D	P	32	D	UE	G	P	0	3	H	4	2	O	10.00	7.30	CLASS 1	43	152	74	18.61	0.49			
240	HEMALATHA	14	F	9	G	40	PS	US	35	MS	F	C	P	0	3	UH	2	1	I	12.00	6.30	CLASS 3	42	157	72	17.04	0.46			
241	BEULAH	14	F	9	G	46	D	P	45	D	UE	E	P	1	4	H	2	1	I	10.00	6.30	CLASS 2	37	155	71	15.40	0.46			
242	JEEVITHA	14	F	9	G	60	D	F	49	D	UE	G	P	0	3	H	4	3	O	8.00	6.00	CLASS 2	43	153	74	18.37	0.48			
243	NEERAJA	14	F	9	G	46	PHS	F	45	HS	F	D	P	1	4	UH	2	1	O	8.00	6.00	CLASS 3	37	155	71	15.40	0.46			
244	AKSHAYA	14	F	9	G	54	PHS	F	48	PHS	UE	G	P	2	5	UH	4	2	I	12.00	7.30	CLASS 2	45	145	65	21.40	0.45			
245	HARINI	14	F	9	G	37	HS	S	36	HS	S	C	P	1	4	UH	2	2	I	10.00	7.00	CLASS 3	33	152	61	14.28	0.40			
246	BHUVANESHWARI	13	F	9	G	45	PG	SP	40	PHS	UE	C	P	0	4	UH	2	2	I	10.00	6.30	CLASS 2	36	160	66	14.06	0.41			
247	MRIDULA	14	F	9	G	46	D	SP	39	D	UE	D	P	1	4	H	2	1	O	10.00	6.30	CLASS 3	39	156	67	16.03	0.43			
248	SANDHYA	14	F	9	G	46	D	F	39	PG	P	G	P	1	4	H	2	2	I	10.00	7.30	CLASS 1	39	156	67	16.03	0.43			
249	SIVARANJANI	14	F	9	G	46	D	SP	41	D	SP	G	P	1	4	H	2	1	O	10.00	6.30	CLASS 4	41	157	68	16.63	0.43			
250	ABINAYA	14	F	9	G	41	HS	S	36	MS	UE	B	P	1	4	UH	2	0	I	10.00	5.30	CLASS 4	41	157	68	16.63	0.43			
251	DEEPALAKSHMI	14	F	9	G	57	D	SP	56	D	UE	F	P	1	6	H	2	1	I	9.00	7.30	CLASS 2	41	161	66	15.82	0.41			
252	CHITRA	14	F	9	G	42	D	S	39	D	S	G	P	1	4	UH	3	2	O	10.00	6.30	CLASS 2	44	153	70	18.80	0.46			
253	SANGEETHA	14	F	9	G	42	P	P	39	P	P	G	P	1	4	H	3	2	O	9.00	6.00	CLASS 1	44	153	70	18.80	0.46			
254	CHANDRIKA	15	F	9	G	46	HS	F	43	D	P	G	P	1	4	H	3	2	I	8.00	7.30	CLASS 2	30	150	68	13.33	0.45			
255	KOWSALYA	14	F	9	G	45	PHS	SP	38	PHS	UE	D	P	1	4	H	1.3	1	I	9.00	6.30	CLASS 3	38	155	66	15.82	0.43			
256	ASIFA	14	F	9	G	45	HS	F	38	HS	UE	D	P	1	4	H	1.3	1	I	9.00	6.30	CLASS 3	36	150	67	16.00	0.45			
257	SWETHA	14	F	9	G	49	HS	S	45	HS	UE	D	P	2	5	UH	1.3	1	I	7.30	5.30	CLASS 3	40	158	70	16.02	0.44			
258	SATHYA	14	F	9	G	46	HS	F	36	HS	UE	C	P	1	4	UH	2	1	I	9.00	6.30	CLASS 3	35	152	69	15.15	0.45			
259	SUVALAKSHMI	13	F	9	G	43	MS	S	32	PS	UE	C	P	2	5	UH	3	2	I	10.00	6.00	CLASS 4	34	155	66	14.15	0.43			
260	VIJAYALAKSHMI	15	F	9	G	46	HS	S	43	PS	UE	F	P	1	4	H	3	2	I	10.00	6.00	CLASS	30	150	68	13.33	0.45			
261	RAMYA DEVI	14	F	9	G	42	D	F	39	PHS	UE	D	P	2	5	H	1.3	1	I	9.00	7.30	CLASS 3	44	153	70	18.80	0.46			
262	FATHIMA ZAHARA	14	F	9	G	49	HS	S	45	HS	UE	B	P	4	7	UH	1.3	2	I	10.00	6.00	CLASS 2	40	158	70	16.02	0.44			
263	SHARMILA	14	F	9	G	45	D	F	33	HS	UE	F	P	1	4	UH	3	1	I	10.00	6.00	CLASS 2	41	155	68	17.07	0.44			
264	ANU	14	F	9	G	46	PHS	S	36	HS	UE	C	P	2	5	UH	2	2	O	10.00	6.00	CLASS 3	35	152	69	15.15	0.45			
265	NAYANISHA	14	F	9	G	36	HS	S	34	HS	S	G	P	1	4	UH	1.3	2	O	10.00	5.30	CLASS 2	37	145	66	17.60	0.46			
266	PRIYADHARSHINI	13	F	9	G	38	PHS	S	35	PHS	UE	D	P	1	4	H	1.3	1	O	9.00	6.30	CLASS 3	41	155	60	17.07	0.39			
267	HARIPRIYA	14	F	9	G	45	PS	-	35	MS	UE	B	P	1	3	UH	2	2	I	10.00	5.30	CLASS 4	41	155	68	17.07	0.44			
268	VAISHNAVI	14	F	9	G	42	MPS	S	38	HS	UE	C	P	1	4	UH	1.3	1	O	9.00	7.30	CLASS 3	38	155	66	15.82	0.43			

269	PRABHAVATHI	14	F	9	G	49	PHS	S	40	PS	UE	C	P	1	4	UH	2	3	I	10.00	5.30	CLASS 3	36	150	67	16.00	0.45			
270	JANANI	14	F	9	G	49	HS	S	40	PHS	UE	C	P	1	4	UH	1.3	2	I	10.00	7.30	CLASS 3	39	150	67	17.33	0.45			
271	SALEENA	14	F	9	G	49	PG	P	40	D	P	G	P	1	4	UH	1.3	1	O	9.00	6.00	CLASS 1	39	150	67	17.33	0.45			
272	SUBASHINI	13	F	9	G	45	HS	F	40	PS	UE	G	P	1	4	UH	1.3	1	O	10.00	5.30	CLASS 2	36	160	66	14.06	0.41			
273	CHANDRAKIRUPHA	14	F	9	G	45	PG	P	34	D	P	G	P	0	3	H	1.3	1	I	10.00	5.30	CLASS 1	45	148	68	20.54	0.46			
274	SHANMUGAPRIYA	15	F	9	G	46	PHS	F	39	PHS	UE	D	P	1	4	UH	0	0	I	9.00	7.00	CLASS 3	43	156	68	17.67	0.44			
275	MOWNIKAPRIYA	15	F	9	G	46	D	P	43	HS	UE	G	P	1	5	UH	3	2	O	8.00	6.30	CLASS 1	30	150	68	13.33	0.45			
276	ISHWARYA	14	F	9	G	57	PG	P	56	D	P	G	P	1	4	UH	3	2	O	9.00	6.30	CLASS 1	41	161	66	15.82	0.41			
277	BAVADHARANI	13	F	9	G	43	PG	P	32	D	UE	G	P	2	5	H	4	3	I	10.00	7.30	CLASS 1	34	155	56	14.15	0.36			
278	MOHANADEEPIKA	14	F	9	G	37	PHS	S	36	PHS	UE	F	P	0	3	UH	4	2	O	9.00	7.30	CLASS 2	33	152	61	14.28	0.40			
279	NAGADEVI	13	F	9	G	43	D	P	32	D	P	G	P	1	6	H	4	2	O	10.00	6.00	CLASS 1	34	155	66	14.15	0.43			
280	KAVIPRIYA	14	F	9	G	45	HS	US	34	MS	UE	D	P	1	4	UH	1.3	1	O	8.00	6.30	CLASS 4	45	148	68	20.54	0.46			
281	SATHYAVANI	13	F	9	G	38	PG	P	35	D	P	G	P	1	4	UH	3	1	O	1.00	6.30	CLASS 1	41	155	60	17.07	0.39			
282	KEERTHANA	14	F	9	G	40	PHS	S	35	HS	UE	E	P	2	5	UH	4	1	O	10.00	6.00	CLASS 3	48	156	76	19.72	0.49			
283	MUTHUMEENAKSHI	14	F	9	G	40	PHS	F	35	HS	UE	D	P	1	4	H	1.3	1	I	10.00	5.30	CLASS 3	48	156	74	19.72	0.47			
284	MYTHILI	14	F	9	G	39	PG	P	35	PG	UE	G	P	1	4	H	1.3	1	O	9.00	6.30	CLASS 1	51	160	70	19.92	0.44			
285	SNEGA	14	F	9	G	44	MS	US	38	HS	UE	C	P	1	4	UH	3	1	i	9.00	7.00	CLASS 4	52	150	80	23.11	0.53		OBESE	OBESE
286	ELAKKIYA	15	F	11	P	43	HS	F	40	D	UE	D	P	1	4	UH	6	4	I	11.00	6.00	CLASS 3	45	164	81	16.73	0.49		OBESE	
287	SURYA	15	F	11	P	48	HS	F	38	D	UE	G	P	1	4	UH	5	4	I	9.00	6.00	CLASS 2	49	170	81	16.96	0.48		OBESE	
288	KANIMOZHI	15	F	11	P	43	D	F	38	D	UE	G	P	2	5	UH	2	0	O	9.30	4.30	CLASS 2	39	153	51	16.66	0.33			
289	ADHITHI	15	F	11	P	48	P	P	38	D	UE	G	P	0	3	UH	3	0	I	8.00	5.00	CLASS 1	42	156	62	17.26	0.40			
290	RAKSHANA SIVAKUMAR	15	F	11	P	45	P	P	37	P	P	G	P	1	4	UH	1.3	0	I	7.00	5.00	CLASS 1	48	155	68	19.98	0.44			
291	LAKSHMI PRATHIBA	15	F	11	P	52	D	F	46	D	P	G	P	0	3	UH	4	4	O	11.00	4.00	CLASS 1	52	150	78	23.11	0.52		OBESE	OBESE
292	VAISHNAVI	15	F	11	P	44	D	P	42	D	P	G	P	0	3	UH	4	3	O	9.00	6.00	CLASS 1	52	165	68	19.10	0.41			
293	RTHARNIMATHI	15	F	11	P	45	P	P	35	D	UE	F	P	1	4	UH	4	0	I	11.00	6.00	CLASS 1	48	155	65	19.98	0.42			
294	ASHIFANA	15	F	11	P	41	HS	F	36	HS	UE	E	P	1	4	UH	3	0	I	10.00	5.30	CLASS 2	50	177	67	15.96	0.38			
295	VISHNU PRIYA	16	F	11	P	42	HS	F	40	HS	UE	F	P	0	5	UH	3	1	O	10.00	6.00	CLASS 2	43	162	79	16.38	0.49			
296	SOWMIYA	15	F	11	P	42	D	F	32	PHS	UE	F	P	1	4	UH	3	1	I	10.30	6.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE
297	KARUNYAVARSHINI	16	F	11	P	46	HS	F	36	HS	UE	G	P	1	4	UH	6	0	O	11.00	5.30	CLASS 2	58	163	78	21.83	0.48			
298	SOWMIYA	15	F	11	P	45	MS	F	40	HS	UE	E	P	1	5	H	3	1	O	10.30	6.00	CLASS 3	55	162	76	20.96	0.47			
299	PAVITHRA	15	F	11	P	40	HS	F	33	HS	UE	G	P	1	4	UH	6	3	I	11.30	4.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE
300	DHANUJA	15	F	11	P	47	PHS	F	37	PHS	UE	G	P	1	4	UH	5	3	I	11.30	6.05	CLASS 2	56	152	82	24.24	0.54		OBESE	OBESE
301	RUBIKA	15	F	11	P	45	PHS	F	35	PHS	UE	G	P	1	4	UH	5	3	O	11.30	6.00	CLASS 2	50	154	68	21.08	0.44			
302	DHARSHINI	15	F	11	P	42	HS	F	38	D	UE	G	P	0	3	UH	6	3	O	11.00	5.30	CLASS 2	56	160	70	21.88	0.44			

303	AKSHAYA BALA VENKATESH	15	F	11	P	41	P	F	39	PHS	UE	F	P	1	4	UH	5	0	I	10.30	5.00	CLASS 2	39	150	70	17.33	0.47				
304	MONISHA	15	F	11	P	48	P	F	42	HS	UE	D	P	1	4	UH	6	3	I	10.00	6.30	CLASS 2	50	152	71	21.64	0.47				
305	PLESSY MATHEW	15	F	11	P	44	D	P	42	D	UE	G	P	1	4	UH	3	1	O	11.30	6.00	CLASS 1	50	157	69	20.28	0.44				
306	ELAKKIYA	15	F	11	P	47	D	F	43	D	UE	F	P	1	5	H	3	1	I	11.00	7.00	CLASS 2	54	162	68	20.58	0.42				
307	SHOBANA	15	F	11	P	41	HS	F	38	HS	UE	G	P	1	4	UH	2	1	O	11.30	5.30	CLASS 3	50	163	66	18.82	0.40				
308	SRINITHI	15	F	11	P	39	HS	F	36	PHS	UE	H	P	0	3	H	1	0	O	9.30	5.00	CLASS 2	38	148	65	17.35	0.44				
309	SOWMIYA	15	F	11	P	38	HS	F	35	PHS	F	G	P	0	3	UH	4	1	I	11.00	4.30	CLASS 2	60	165	78	22.04	0.47		OBESE		
310	SHRUTHI	15	F	11	P	39	HS	F	36	PHS	UE	F	GP	1	4	UH	4	0	I	11.00	5.30	CLASS 2	38	158	63	15.22	0.40				
311	SARUMATHI	15	F	11	P	45	PHS	F	40	HS	UE	E	P	2	5	UH	3	2	O	10.00	6.00	CLASS 2	48	160	66	18.75	0.41				
312	LAVANYA	15	F	11	P	45	HS	F	40	HS	UE	G	P	2	5	UH	5	0	I	10.00	6.00	CLASS 2	45	156	65	18.49	0.42				
313	DEVADHARSHINI	15	F	11	P	45	PHS	F	38	PHS	UE	G	P	1	4	H	3	1	O	11.00	4.00	CLASS 2	40	150	65	17.78	0.43				
314	KEERTHANA	15	F	11	P	40	PHS	F	37	PHS	UE	G	P	1	5	H	1	0	O	11.00	5.00	CLASS 2	45	165	64	16.53	0.39				
315	PRIYADARSHINI	15	F	11	P	47	HS	F	45	HS	UE	F	P	1	4	UH	3	0	I	10.45	7.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE	
316	SOWBARNIYA	15	F	11	P	40	HS	F	35	D	SP	E	P	1	4	H	0	0	O	10.30	5.00	CLASS 2	48	165	65	17.63	0.39				
317	ANUSHIYA	15	F	11	P	48	HS	F	38	HS	UE	F	P	2	5	UH	0	0	I	10.00	4.00	CLASS 2	50	154	76	21.08	0.49				
318	NITHILA SARMUKI	15	F	11	P	47	HS	F	44	D	UE	G	P	1	4	UH	3	1	O	10.30	5.30	CLASS 2	50	158	67	20.03	0.42				
319	SADHANA	15	F	11	P	46	D	F	41	D	UE	G	P	1	6	UH	4	0	I	10.30	6.30	CLASS 2	54	159	92	21.36	0.58		OBESE	OBESE	
320	NANDHINI	15	F	11	P	55	PHS	F	53	HS	UE	G	P	0	3	UH	6	0	O	10.30	9.00	CLASS 2	58	165	92	21.30	0.56				
321	HARIDARSINI	15	F	11	P	45	HS	F	43	D	UE	E	P	0	3	H	0	0	O	10.30	5.00	CLASS 2	53	163	71	19.95	0.44				
322	BANU SREE	15	F	11	P	42	PHS	F	38	PHS	UE	E	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	56	165	79	20.57	0.48				
323	VINESHMA GRACY	15	F	11	P	41	D	F	35	D	UE	F	P	1	4	UH	0	0	I	10.30	4.00	CLASS 2	56	172	81	18.93	0.47				
324	NITHARSANA	15	F	11	P	54	HS	F	43	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	48	163	64	18.07	0.39				
325	KEERTHANA	15	F	11	P	38	D	F	37	PHS	UE	G	P	0	3	UH	G	2	O	9.30	8.00	CLASS 2	48	158	70	19.23	0.44				
326	VAISHNAVI	15	F	11	P	38	PHS	F	32	PHS	F	G	P	1	4	H	4	0	O	11.00	4.00	CLASS 2	45	160	66	17.58	0.41				
327	IDANYA	15	F	11	P	50	PHS	F	37	D	UE	E	P	1	4	UH	2	1	I	11.30	4.30	CLASS 2	51	148	76	23.28	0.51			OBESE	
328	RAGAVI	15	F	11	P	40	D	P	38	PHS	UE	G	P	1	4	UH	4	2	O/I	11.00	4.30	CLASS 1	36	152	63	15.58	0.41				
329	VAVUNIYA	15	F	11	P	51	PHS	F	38	I	UE	E	P	1	4	H	2	1	I	11.00	4.30	CLASS 3	46	152	65	19.91	0.43				
330	SOUNDARYA	15	F	11	P	49	D	P	38	D	UE	E	P	1	4	UH	3	3	I	11.30	6.00	CLASS 2	55	152	80	23.81	0.53		OBESE	OBESE	
331	INDHUMATHI	15	F	11	P	46	D	F	39	PHS	UE	E	P	2	5	H	1	1	O	9.00	6.30	CLASS 2	40	154	64	16.87	0.42				
332	KAVIMALAR	15	F	11	P	46	D	S	40	D	P	E	P	0	4	H	1	1	O	11.00	6.00	CLASS 2	43	160	64	16.80	0.40				
333	HARINI	13	F	8	P	42	D	F	40	D	S	G	P	1	4	H	0	0	I	10.00	4.30	CLASS 2	30	115	75	22.68	0.65		OBESE	OBESE	
334	HARSHINI	13	F	8	P	42	D	F	40	D	S	G	P	1	4	H	0	0	I	10.00	4.30	CLASS 2	35	125	73	22.40	0.58			OBESE	
335	SATHYAPRABHA	13	F	8	P	43	PHS	-	32	PHS	F	G	P	1	3	UH	3	1	I	11.00	7.30	CLASS 3	49	135	76	26.89	0.56		OBESE	OBESE	
336	KEERTHI	13	F	8	P	42	P	F	32	HS	F	F	P	1	4	UH	3	3	I	11.00	7.00	CLASS 2	40	120	75	27.78	0.63	OBESE	OBESE	OBESE	

337	JANANI	13	F	8	P	42	D	S	33	PHS	UE	F	P	1	6	UH	3	3	I	10.00	7.00	CLASS 2	45	128	76	27.47	0.59	OBESE	OBESE	OBESE
338	SAKTHI PRIYA	13	F	8	P	40	PHS	F	36	PHS	F	G	P	0	3	UH	1	1	I	9.30	5.00	CLASS 2	36	126	68	22.68	0.54			OBESE
339	NIKILA VICTOR	13	F	8	P	42	D	P	41	D	P	G	P	1	4	UH	0	0	I	9.30	5.30	CLASS 2	35	126	62	22.05	0.49			
340	MADUMITHA	13	F	8	P	42	PHS	F	36	PHS	UE	F	P	1	4	UH	3	3	I	10.00	6.00	CLASS 2	40	127	75	24.80	0.59		OBESE	OBESE
341	KAVYA	12	F	8	P	41	HS	F	40	MS	UE	G	P	1	4	H	0	0	O	9.45	4.30	CLASS 2	31	130	63	18.34	0.48			
342	RITHIKA	13	F	8	P	43	D	F	31	HS	F	G	P	1	6	H	0	0	I	10.00	5.00	CLASS 1	35	120	75	24.31	0.63	OBESE	OBESE	OBESE
343	SWEDHA	13	F	8	P	44	D	F	40	D	P	G	P	1	4	H	2	2	O	9.00	6.30	CLASS 1	31	120	60	21.53	0.50			OBESE
344	GAYATHRI	13	F	8	P	40	D	F	38	PHS	UE	F	P	2	5	UH	3	5	I	9.30	6.30	CLASS 2	40	135	76	21.95	0.56		OBESE	
345	DHIKSHANA	13	F	8	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	10.00	4.30	CLASS 2	35	125	59	22.40	0.47			
346	SATHYAJOTHI	13	F	8	P	39	D	S	37	D	SP	F	P	0	3	UH	1	1	I	9.30	5.00	CLASS 2	35	126	60	22.05	0.48			
347	SUNITHA	13	F	8	P	45	P	P	35	PHS	P	G	P	1	4	H	2	2	I	9.00	6.00	CLASS 1	38	128	74	23.19	0.58		OBESE	OBESE
348	KAVYA	14	F	8	P	45	HS	F	36	MS	UE	D	P	1	6	H	0	0	O	10.00	4.30	CLASS 3	41	135	60	22.50	0.44			
349	GOWSHIK SHREE	14	F	8	P	39	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 2	38	141	65	19.11	0.46			
350	KOWSALYA	14	F	8	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	39	145	64	18.55	0.44			
351	KAAVYA	12	F	8	P	42	HS	F	32	D	UE	F	P	1	4	UH	0	0	O	10.00	4.30	CLASS 2	32	120	59	22.22	0.49			
352	KIRUTHIKA	13	F	8	P	42	HS	F	31	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 2	36	127	62	22.32	0.49			
353	PRATHIKSHA	13	F	8	P	44	D	P	39	D	P	F	P	1	6	UH	2	1	I	10.00	6.00	CLASS 2	49	145	76	23.31	0.52		OBESE	
354	LAKSHITHA SHREE	13	F	8	P	40	PG	F	37	PG	UE	F	P	1	6	UH	3	1	I	9.30	5.30	CLASS 2	43	130	75	25.44	0.58		OBESE	OBESE
355	AHALYA	13	F	8	P	43	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 1	35	126	62	22.05	0.49			
356	SANGEETHA	14	F	9	P	48	HS	F	45	PHS	UE	D	P	1	4	H	3	1	O	10.00	4.45	CLASS 2	40	133	62	22.61	0.47			
357	VARSHINI	14	F	9	P	40	PG	P	32	PG	P	G	P	1	4	UH	2	1	O	10.00	5.45	CLASS 1	42	135	65	23.05	0.48			
358	PRIYANKA	13	F	9	P	46	D	F	42	D	F	F	P	1	6	UH	4	3	I	10.00	6.30	CLASS 2	74	159	80	29.27	0.50	OBESE	OBESE	OBESE
359	HEERA	13	F	9	P	42	D	F	30	PHS	UE	G	P	2	5	H	3	2	I	11.00	7.00	CLASS 2	50	130	76	29.59	0.58	OBESE	OBESE	OBESE
360	NANDHANA	14	F	9	P	43	D	F	37	PG	F	G	P	1	4	UH	4	3	I	10.15	6.00	CLASS 2	60	134	78	33.42	0.58	OBESE	OBESE	OBESE
361	KAVI BHARATHI	14	F	9	P	42	PHS	F	42	PHS	F	E	P	1	4	UH	2	3	I	10.15	6.30	CLASS 2	67	128	80	40.89	0.63	OBESE	OBESE	OBESE
362	ABHI VARSHINI	13	F	9	P	40	MS	S	32	MS	UE	F	P	1	4	UH	1	1	O	9.45	5.00	CLASS 3	35	135	65	19.20	0.48			
363	SANJANA SRI	14	F	9	P	42	D	P	39	D	P	G	P	0	5	H	0.45	1	O	9.30	6.30	CLASS 1	36	128	62	21.97	0.48			
364	NANDHITHA	14	F	9	P	43	D	F	40	D	UE	E	P	0	3	H	1	1	O	10.15	4.00	CLASS 2	40	125	74	25.60	0.59			
365	SATHURTHANA	13	F	9	P	43	MS	F	40	HS	UE	E	P	0	3	H	2	1	I	10.15	4.00	CLASS 2	42	125	75	26.88	0.60		OBESE	OBESE
366	SAMYUKTHA	14	F	9	P	42	PG	P	39	D	UE	G	P	1	4	UH	1	1	I	9.30	6.30	CLASS 1	40	138	68	21.00	0.49			
367	GAYATHRI	14	F	9	P	46	PHS	F	43	D	S	G	P	1	5	UH	3	1	O	9.30	5.00	CLASS 2	65	137	78	34.63	0.57	OBESE	OBESE	OBESE
368	AHALYA	14	F	9	P	46	PHS	S	42	HS	UE	F	P	1	4	UH	3	1	O	9.00	6.00	CLASS 2	52	135	79	28.53	0.59	OBESE	OBESE	OBESE
369	MADHUMITHA	13	F	9	P	48	PHS	S	37	PHS	UE	F	P	1	6	H	1	1	O	10.00	5.00	CLASS 2	32	125	59	20.48	0.47			
370	PRIYADARSHINI	12	F	9	P	43	PHS	F	40	PHS	UE	F	P	2	5	UH	4	1	I	10.00	5.00	CLASS 2	34	132	58	19.51	0.44			

371	SARANYA	13	F	9	P	37	D	F	37	D	F	F	P	1	4	H	1	1	O	10.00	4.00	CLASS 2	40	132	56	22.96	0.42			
372	PRATHIKSHA	14	F	9	P	42	D	F	38	PHS	UE	F	P	1	4	UH	3	1	O	10.30	6.00	CLASS 2	39	132	58	22.38	0.44			
373	SHARMILA	14	F	9	P	46	HS	S	36	D	UE	C	P	1	4	H	1	1	O	10.30	5.30	CLASS 4	40	132	58	22.96	0.44			
374	PRIYADHARSHINI	14	F	9	P	49	D	F	46	HS	S	D	P	1	4	UH	4	2	I	10.00	6.00	CLASS 3	47	126	77	29.60	0.61	OBESE	OBESE	OBESE
375	ISWARYA	14	F	9	P	46	PG	P	40	D	P	G	P	1	5	UH	4	2	I	10.00	6.30	CLASS 2	49	136	78	26.49	0.57		OBESE	OBESE
376	MADHUMITHA	13	F	9	P	47	HS	P	40	D	PS	G	P	1	4	UH	2	2	O	10.30	6.00	CLASS 2	40	138	64	21.00	0.46			
377	DIVYA	14	F	9	P	46	PHS	F	42	PHS	UE	G	P	1	4	UH	4	2	I	10.30	6.30	CLASS 2	36	130	60	21.30	0.46			
378	NARMATHA	15	F	9	P	45	PG	F	35	HS	S	G	P	0	3	UH	3	3	O	10.00	6.00	CLASS 2	40	132	62	22.96	0.47			
379	ANU SHREE	13	F	9	P	42	HS	F	35	HS	F	G	P	1	4	UH	4	2	I	9.45	5.00	CLASS 2	65	125	82	41.60	0.66	OBESE	OBESE	OBESE
380	VASUNDRA	14	F	9	P	42	PG	P	39	D	UE	G	P	1	4	UH	4	2	I	10.00	7.00	CLASS 2	53	135	79	29.08	0.59	OBESE	OBESE	OBESE
381	VIKASHINI	14	F	9	P	35	D	SP	34	PG	P	G	P	0	4	UH	4	3	I	10.00	6.00	CLASS 1	70	157	75	28.40	0.48	OBESE		
382	VALLIAMMAI	13	F	9	P	42	D	SP	32	PHS	UE	F	P	1	4	UH	2	2	O	10.30	6.00	CLASS 2	35	134	64	19.49	0.48			
383	SUDHARSANA	13	F	9	P	42	D	F	39	PHS	UE	F	P	1	4	UH	4	1	O	10.30	5.00	CLASS 2	36	128	63	21.97	0.49			
384	NIKILA	14	F	9	P	45	HS	S	39	PG	P	F	P	1	4	UH	2	2	O	10.00	4.15	CLASS 2	40	132	62	22.96	0.47			
385	SRE VARSHAN	14	F	9	P	40	D	F	34	D	UE	F	P	2	5	UH	3	2	I	10.15	4.30	CLASS 2	40	131	63	23.31	0.48			
386	ABINAYA	14	F	9	P	40	D	F	35	D	UE	E	P	1	6	UH	3	2	I	10.15	4.30	CLASS 2	36	126	60	22.68	0.48			
387	ABINAYA SHREE	14	F	9	P	41	PG	P	40	PG	P	G	P	1	4	UH	1	1	O	10.00	6.00	CLASS 1	40	130	61	23.67	0.47			
388	VISDHYA SRI	14	F	9	P	41	HS	F	39	HS	F	G	P	1	4	UH	3	1	I	10.00	5.00	CLASS 2	48	130	77	28.40	0.59	OBESE	OBESE	OBESE
389	SARANYA	14	F	9	P	40	HS	F	33	PHS	UE	G	P	2	5	UH	2	1	I	9.45	6.30	CLASS 2	59	128	80	36.01	0.63	OBESE	OBESE	OBESE
390	ISWARYA KAMATCHI	15	F	9	P	42	D	P	37	D	UE	G	P	1	4	UH	2	2	O	10.00	5.00	CLASS 2	42	140	62	21.43	0.44			
391	SUBHASHREE	14	F	10	P	45	D	F	39	D	UE	G	G	1	5	UH	0	0	O	11.00	5.00	CLASS 2	45	156	60	18.49	0.38			
392	KEERTHI SREE	14	F	10	P	44	D	SP	42	D	UE	E	P	1	4	UH	1	1	O	11.00	4.00	CLASS 2	50	152	62	21.64	0.41			
393	SRINILA	15	F	10	P	40	D	SP	38	D	SP	E	P	0	3	H	0	0	I	10.00	4.30	CLASSS 2	60	158	80	24.03	0.51		OBESE	OBESE
394	AASHIKA	14	F	10	P	46	PG	P	45	PG	P	G	P	0	3	H	1.3	1	O	12.00	4.00	CLASS 1	45	153	70	19.22	0.46			
395	SABEETHA	15	F	10	P	42	PHS	F	39	PHS	UE	D	P	1	4	H	2	2	O	10.30	4.00	CLASS 3	68	165	78	24.98	0.47		OBESE	
396	MEGALA	14	F	10	P	45	HS	F	42	HS	F	G	P	1	4	UH	1	0	I	12.00	5.00	CLASS 2	42	123	77	27.76	0.63	OBESE	OBESE	OBESE
397	NAMITHA	15	F	10	P	41	D	F	36	PHS	UE	G	P	1	6	UH	2	0	O	10.00	4.00	CLASS 2	45	155	68	18.73	0.44			
398	ISWARIYA	15	F	10	P	42	PHS	S	39	PHS	UE	F	P	1	4	H	4	2	O	10.30	5.00	CLASS 3	65	150	79	28.89	0.53	OBESE	OBESE	OBESE
399	PRIYADARSHINI	15	F	10	P	48	PHS	F	43	PHS	-	F	P	1	3	H	0	0	O	11.00	5.30	CLASS 3	45	165	60	16.53	0.36			
400	DHANUSHAA	14	F	10	P	59	HS	P	48	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	50	156	61	20.55	0.39			
401	AISWARYA LAKSHMI	14	F	10	P	48	D	P	43	HS	UE	F	P	1	4	UH	2	1	O	12.00	4.30	CLASS 2	50	158	62	20.03	0.39			
402	JAISHREE	15	F	10	P	50	D	F	41	PHS	UE	G	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	62	164	64	23.05	0.39			
403	KRITHIKA	15	F	10	P	50	D	F	40	D	SP	G	P	1	4	UH	0	0	O	11.30	5.00	CLASS 2	45	162	62	17.15	0.38			
404	PRIYADHARSHINI	15	F	10	P	39	PHS	P	36	D	UE	G	P	1	4	H	4	1	O	10.30	4.00	CLASS 2	40	145	60	19.02	0.41			

405	SANDHYA	15	F	10	P	47	PHS	F	39	PHS	F	D	P	0	3	H	4	1	I	11.30	5.00	CLASS 3	89	159	85	35.20	0.53	OBESE	OBESE	OBESE
406	NITHYASHREE	15	F	10	P	49	D	P	43	PG	P	G	P	1	4	UH	1	1	O	10.00	4.00	CLASS 2	35	160	61	13.67	0.38			
407	RITHIKA SHRI	15	F	10	P	40	D	P	35	D	UE	F	P	0	3	UH	2	1	O	11.30	4.30	CLASS 2	40	160	76	15.63	0.48			
408	PAVITHRA	14	F	10	P	43	D	S	36	D	UE	F	P	1	4	H	2	1	O	12.00	4.00	CLASS 3	50	162	62	19.05	0.38			
409	ABIRAMI	14	F	10	P	48	D	P	43	MS	UE	F	P	1	4	H	2	0	O	10.00	5.00	CLASS 2	58	155	80	24.14	0.52		OBESE	OBESE
410	ABIRAMI SRI	14	F	10	P	45	I	F	36	I	UE	D	P	1	4	H	4	1	O	9.00	6.00	CLASS 4	35	150	73	15.56	0.49			
411	PRIYADHARSHINI	14	F	10	P	45	D	P	42	D	P	F	P	1	4	H	5	0	I	10.00	4.00	CLASS 2	60	155	78	24.97	0.50		OBESE	OBESE
412	SUMETHA	13	F	10	P	41	PHS	F	30	HS	UE	F	P	1	4	UH	0	0	O	11.30	4.30	CLASS 3	41	135	66	22.50	0.49			
413	GOKILAVANI	14	F	10	P	48	D	P	43	PHS	UE	F	P	1	4	H	2	0	O	12.00	4.00	CLASS 2	43	143	66	21.03	0.46			
414	AKSHAYA BALA VENKATESH	15	F	10	P	59	D	P	56	HS	UE	F	P	0	3	H	0	0	I	11.30	5.00	CLASS 2	50	150	65	22.22	0.43			
415	AISHWARIYA	14	F	10	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	46	167	60	16.49	0.36			
416	CHRISTINA CATHRINE	15	F	10	P	43	D	F	43	D	SP	G	P	0	3	H	1	1	O	9.00	5.00	CLASS 1	45	164	61	16.73	0.37			
417	KAVINA	14	F	10	P	43	HS	F	36	HS	UE	F	P	1	4	H	2	1	I	9.30	5.00	CLASS 2	40	155	60	16.65	0.39			
418	NIVETHITHA	15	F	10	P	46	HS	F	36	HS	UE	F	P	1	4	UH	2	0	I	8.30	5.00	CLASS 2	52	148	81	23.74	0.55		OBESE	OBESE
419	SUVETHA	14	F	10	P	43	HS	F	43	D	UE	F	P	1	4	UH	1	1	I	10.00	6.00	CLASS 3	40	160	76	15.63	0.48			
420	SNEHA	15	F	10	P	40	D	P	38	D	P	F	P	1	4	H	0	0	O	11.00	4.30	CLASS 2	53	158	72	21.23	0.46			
421	RATHI BARGAVI	15	F	10	P	64	PHS	UE	63	HS	S	D	P	0	3	UH	4	0	O	10.30	4.00	CLASS 3	35	150	73	15.56	0.49			
422	ABAGNA	15	F	10	P	47	D	SP	41	D	P	G	P	1	4	H	1	1	I	10.00	5.00	CLASS 2	38	162	60	14.48	0.37			
423	KAVI PRIYA	15	F	10	P	40	HS	F	38	PHS	UE	F	P	1	4	H	1	0	O	10.45	4.15	CLASS 3	53	158	65	21.23	0.41			
424	JANA PRETHA	15	F	10	P	40	D	P	37	PHS	UE	F	P	1	4	UH	0	0	O	10.30	4.30	CLASS 2	42	155	66	17.48	0.43			
425	VISWAVARDHINI	15	F	10	P	48	PG	P	45	D	UE	G	P	2	5	H	0.3	1	I	10.00	4.45	CLASS 2	40	160	60	15.63	0.38			
426	ANUSRI	13	F	9	G	40	PHS	S	36	HS	US	B	P	1	4	UH	2	0	I	9.00	6.00	CLASS 4	41.6	144	68	20.06	0.47			
427	KANDHAYEE	15	F	9	G	45	MS	US	43	MS	US	B	P	1	4	UH	2	0	O	9.00	7.00	CLASS 4	25.2	140.5	56	12.77	0.40			
428	SANGEETHA	14	F	9	G	38	MS	US	36	MS	US	B	P	1	6	UH	3	3	I	9.00	6.00	CLASS 4	36.5	151	57	16.01	0.38			
429	PRIYADHARSHINI	14	F	9	G	42	MS	S	35	PS	UE	C	P	1	4	UH	5	2	O	9.00	5.00	CLASS 3	46.8	155	64	19.48	0.41			
430	MOHANAPRIYA	15	F	9	G	38	D	F	32	MS	UE	B	P	1	4	H	3	1	I	9.00	6.00	CLASS 3	33.7	148	54	15.39	0.36			
431	GOKILA	13	F	9	G	-	-	-	35	MS	S	C	P	1	5	UH	3	1	I	9.30	6.00	CLASS 3	38.5	145	59	18.31	0.41			
432	NANDHINI	13	F	9	G	39	MS	US	33	HS	US	C	P	1	4	UH	3	1	I	9.00	6.00	CLASS 3	41.7	142	60	20.68	0.42			
433	VEERAMANI	14	F	9	G	42	MS	US	33	MS	US	B	P	1	4	-	3	1	O	9.00	7.00	CLASS 4	34	157	59	13.79	0.38			
434	ARUNA	14	F	9	G	39	PHS	US	30	MS	US	C	P	0	3	UH	5	3	O	9.00	6.00	CLASS 3	49	156	60	20.13	0.38			
435	ARTHIKA	13	F	9	G	48	HS	US	45	MS	US	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 3	46.2	160	61	18.05	0.38			
436	NITHYA	15	F	9	G	40	MS	US	30	MS	UE	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 2	43.2	152	62	18.70	0.41			
437	ARTHI	14	F	9	G	43	PHS	US	42	PS	US	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	44.6	149	63	20.09	0.42			
438	DEVI	14	F	9	G	45	PS	US	38	PHS	US	C	P	1	5	UH	2	1	O	9.00	6.00	CLASS 3	36.5	158	55	14.62	0.35			

439	PONNARASI	15	F	9	G	45	HS	F	42	PS	F	B	P	3	9	UH	5	3	O	9.00	5.00	CLASS 4	40.2	150	63	17.87	0.42			
440	MOHAMMADHREE	15	F	9	G	42	PS	US	38	PS	US	B	P	1	4	UH	0	0	O	10.00	7.00	CLASS 4	33.1	147	60	15.32	0.41			
441	VENNILA	15	F	9	G	39	MS	US	39	IL	US	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 4	55	158	76	22.03	0.48			
442	HEMAN	11	M	6	G	41	PHS	US	38	MS	US	B	P	1	4	UH	0	0	O	9.00	6.00	CLASS 4	28.5	135	49	15.64	0.36			
443	MANIKANDAN	12	M	6	G	41	PS	S	43	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	30.5	137	53	16.25	0.39			
444	VIVEK	12	M	6	G	33	PHS	S	32	HS	UE	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	30.8	151	53	13.51	0.35			
445	SATHISWARAN	11	M	6	G	43	HS	S	34	HS	S	B	P	2	5	UH	0	0	O	8.00	7.00	CLASS 3	29.2	143	51	14.28	0.36			
446	GANESH	12	M	6	G	39	MS	S	37	MS	UE	B	P	1	4	UH	5	3	O	10.00	8.00	CLASS 4	35	136	58	18.92	0.43			
447	KARNAN	11	M	6	G	50	MPS	UE	49	PS	US	B	P	1	5	UH	5	3	O	10.00	6.00	CLASS 4	23	121	51	15.71	0.42			
448	MUKILAN	11	M	6	G	38	PHS	S	38	PHS	S	C	P	2	5	UH	4.5	2	O	10.00	6.00	CLASS 3	24	129	51	14.42	0.40			
449	GOWSIK	11	M	6	G	50	MS	UE	35	HS	US	B	P	1	4	UH	6	3	O	10.00	6.00	CLASS 4	22.5	130	50	13.31	0.38			
450	VISHWAPANDIAN	12	M	6	G	40	D	S	35	MS	US	C	P	1	4	UH	6	3	O	11.00	6.00	CLASS 3	31.8	141	54	16.00	0.38			
451	SOWNYAI	13	F	6	G	37	D	S	35	IL	S	B	P	2	5	-	1	0	I	8.00	6.00	CLASS 3	38.5	144	59	18.57	0.41			
452	ADHILAKSHMI	11	F	6	G	38	HS	S	33	MS	S	C	P	0	4	-	1	1	I	9.00	6.00	CLASS 3	32.9	133	61	18.60	0.46			
453	JOTHILAKSHMI	11	F	6	G	46	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	25	130	49	14.79	0.38			
454	CHARU NETHRA	11	F	6	G	47	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	29.6	143	53	14.48	0.37			
455	PRADEPA	11	F	6	G	45	PHS	S	37	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	24.7	134	50	13.76	0.37			
456	LILLA	12	F	6	G	38	HS	S	36	MS	S	C	P	2	5	UH	9	3	O	10.00	6.00	CLASS 3	30	143	54	14.67	0.38			
457	YUVASHREE	11	F	6	G	37	HS	S	36	HS	UE	C	P	1	5	UH	1	1	I	11.00	5.00	CLASS 3	27.7	137	54	14.76	0.39			
458	DIVYA	12	F	6	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	6	3	I	9.00	6.00	CLASS 4	31	131	55	18.06	0.42			
459	MANISHA	15	F	8	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	36.6	160	52	14.30	0.33			
460	SONAL	14	F	8	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	30.3	146	51	14.21	0.35			
461	YAZHINI	13	F	8	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	48.5	153	60	20.72	0.39			
462	SARMILA	14	F	8	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	40	156	57	16.44	0.37			
463	MAHESWARI	13	F	8	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	43.5	159	57	17.21	0.36			
464	SUJI	12	F	8	G	36	MS	US	35	MS	US	B	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	32	141	52	16.10	0.37			
465	NANDHINI	13	F	8	G	36	MS	US	35	MS	US	C	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	34.7	141	59	17.45	0.42			
466	SANDHIYA	13	F	8	G	42	IL	US	35	IL	US	B	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	32.5	142	58	16.12	0.41			
467	HAZEENA	13	F	8	G	34	MS	S	33	PHS	UE	C	P	1	4	UH	2	1	O	8.30	6.00	CLASS 3	40.9	151	57	17.94	0.38			
468	RAJESWARI	13	F	8	G	40	MS	S	38	MS	UE	B	P	2	5	UH	2	1	O	9.30	6.00	CLASS 3	37	142	58	18.35	0.41			
469	SRIDEVI	13	F	8	G	40	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	42.7	147	62	19.76	0.42			
470	ISHWARYA	13	F	8	G	40	HS	US	35	MS	US	B	P	0	3	UH	12	3	O	8.00	6.00	CLASS 4	36.1	141	56	18.16	0.40			
471	SWETHA	13	F	8	G	40	HS	S	38	MS	US	C	P	0	3	UH	2	1	O	9.30	5.30	CLASS 3	55.8	144.5	82	26.72	0.57		OBESE	OBESE
472	POOJA	12	F	7	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	6	3	I	9.00	6.00	CLASS 4	22.7	127	47	14.07	0.37			

473	TAMILARASI	11	F	7	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	29.5	135	51	16.19	0.38			
474	ABIRAMI	12	F	7	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	28.6	145	47	13.60	0.32			
475	MONISHA	13	F	7	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	6	2	I	9.00	6.00	CLASS 4	25	127	48	15.50	0.38			
476	SANTHARA	13	F	7	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	40.4	152	55	17.49	0.36			
477	RESHMA	14	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	37	149	59	16.67	0.40			
478	ABITHA	12	F	7	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	26.4	141	47	13.28	0.33			
479	KIRUTHIKA LAKSHMI	12	F	7	G	45	MS	US	40	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	25	137	47	13.32	0.34			
480	GAYATHRI	12	F	7	G	40	HS	US	36	PS	UE	B	P	2	5	UH	2	1	I	9.00	7.00	CLASS 4	43.6	141	71.7	21.93	0.51		OBESE	OBESE
481	KOWSALYA	12	F	7	G	42	MS	F	34	MS	S	C	P	1	4	UH	0	0	O	11.00	6.00	CLASS 3	30.2	130	51	17.87	0.39			
482	DIVYA	12	F	7	G	64	HS	UE	59	PS	US	C	P	0	2	UH	3	2	O	1.00	7.00	CLASS 4	27.6	136	48	14.92	0.35			
483	NANDHINI	12	F	7	G	34	MS	S	36	MS	S	B	P	1	4	-	1	0	O	11.00	6.00	CLASS 3	30.2	140	51	15.41	0.36			
484	DHANYALAKSHMI	12	F	7	G	36	HS	F	33	MS	US	D	P	1	4	-	2	0	I	11.00	7.00	CLASS 3	34.2	142	55	16.96	0.39			
485	KAVIYA	12	F	7	G	54	PHS	F	45	HS	F	C	P	1	4	UH	0.3	0	I	10.30	6.00	CLASS 3	23.7	129	49	14.24	0.38			
486	ADITH	13	M	7	G	50	D	S	45	IL	UE	E	P	1	3	-	2	1	I	9.00	5.00	CLASS 3	39.7	144	51	19.15	0.35			
487	NAVEEN KUMAR	12	M	7	G	47	PHS	S	43	HS	UE	C	P	1	4	UH	1	0	O	10.00	8.00	CLASS 3	28.4	136	53	15.35	0.39			
488	SATHVEER	13	M	7	G	31	PHS	S	30	HS	UE	C	P	2	5	UH	1	0	I	10.00	7.00	CLASS 3	39.3	154	56	16.57	0.36			
489	VIGNESH	11	M	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	25	143	45	12.23	0.31			
490	AMEER BASHA	12	M	7	G	32	MS	US	31	HS	UE	B	P	1	4	UH	1	3	I	9.30	7.00	CLASS 4	29.5	140	55	15.05	0.39			
491	ROSHAN	12	M	7	G	42	MS	US	32	D	UE	C	P	1	4	UH	0.2	1	I	9.00	6.00	CLASS 4	26.5	135	44	14.54	0.33			
492	DHANUSH	12	M	7	G	47	PS	S	37	HS	UE	C	P	2	5	UH	1	1	O	9.30	6.30	CLASS 3	34.5	140	57	17.60	0.41			
493	SASIKUMAR	12	M	7	G	35	MS	US	30	MS	UE	C	P	1	5	UH	8	3	O	10.00	7.00	CLASS 4	33.6	148	55	15.34	0.37			
494	VIDNESHWARAN	12	M	7	G	45	PHS	S	40	MS	UE	C	P	2	4	UH	1	1	O	10.00	6.30	CLASS 3	40.3	133	72	22.78	0.54		OBESE	OBESE
495	VISHNUWARTHAN	11	M	7	G	34	HS	S	30	HS	S	C	GP	1	4	UH	1	1	I	10.00	6.00	CLASS 4	44.2	151	64	19.39	0.42			
496	KIRISHTOBER	12	M	7	G	43	MS	S	32	PS	UE	B	P	3	4	UH	0.1	1	I	10.00	7.00	CLASS 4	27.8	136	51	15.03	0.38			
497	SARAN	13	M	8	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	31.2	141	59	15.69	0.42			
498	KARAN	13	M	8	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	33	143	53	16.14	0.37			
499	SARAN	13	M	8	G	47	MS	UE	50	MS	US	B	P	1	4	UH	6	3	O	9.00	6.00	CLASS 4	37	142	68	18.35	0.48			
500	ILAIYARAJA	13	M	8	G	36	PS	S	35	IL	UE	B	P	2	5	UH	7	3	O	10.00	8.00	CLASS 4	29	144	57	13.99	0.40			
501	PASUBATHI	13	M	8	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	40	153	62	17.09	0.41			
502	ARJUN	12	M	8	G	42	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	30.1	148	55	13.74	0.37			
503	SURYA	12	M	8	G	42	MS	S	31	PS	US	C	P	2	5	UH	2	0	I	10.00	9.00	CLASS 3	39.4	148	68	17.99	0.46			
504	SAMUVEL PRABHU	12	M	8	G	40	MS	S	30	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	26.2	132	52	15.04	0.39			
505	LARANS	13	M	8	G	42	PS	S	40	HS	S	C	P	3	6	UH	1	1	O	9.00	4.00	CLASS 3	36.4	148	62	16.62	0.42			
506	AJITH	14	M	8	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	41	143	67	20.05	0.47			

507	SAKTHI VIGNESH	14	M	8	G	50	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	39.2	155	59	16.32	0.38			
508	DINESH	13	M	8	G	40	PS	S	36	MS	S	B	P	1	3	UH	3	2	O	10.00	4.30	CLASS 4	37	144	62	17.84	0.43			
509	SOWNDAR RAJ	13	M	8	G	35	MS	S	30	MS	US	C	P	1	4	UH	2	1	O	10.00	6.00	CLASS 4	30	134	54	16.71	0.40			
510	SANGAMESHWARAN	13	M	8	G	34	PS	S	32	PS	UE	C	P	0	3	UH	2	0	O	9.00	6.30	CLASS 4	47.5	147	72	21.98	0.49			
511	NAVEENKUMAR	12	M	8	G	55	PHS	S	52	IL	US	B	P	1	5	UH	6	3	I	9.00	6.00	CLASS 4	56	151	82	24.56	0.54		OBESE	OBESE
512	KARTHIK	13	M	8	G	40	PS	US	30	IL	US	C	P	3	6	-	1	1	O	9.00	6.00	CLASS 4	44	151	78	19.30	0.52		OBESE	OBESE
513	RAHUL	14	M	8	G	48	D	S	33	IL	UE	E	P	1	4	-	1	0	I	9.00	7.00	CLASS 3	54	153	84	23.07	0.55		OBESE	OBESE
514	HARISH	13	M	8	G	46	MS	S	36	HS	UE	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	46	140	72	23.47	0.51			OBESE
515	MAHALIMGAM	13	M	8	G	43	PS	S	35	PS	US	B	P	2	5	UH	2	2	O	10.00	8.00	CLASS 4	27	133	47	15.26	0.35			
516	SUMAN	15	M	9	G	48	D	US	42	HS	US	B	G	2	3	-	2	0	O	10.00	6.00	CLASS 4	49.2	173	71	16.44	0.41			
517	SOWDAR RAJ	14	M	9	G	37	PS	UE	29	PS	US	C	P	1	4	UH	2	1	I	8.30	6.30	CLAAS 3	30.3	150	50	13.47	0.33			
518	THAMAIKANNAN	14	M	9	G	54	MS	US	50	PS	US	C	P	1	4	UH	1	1	O	11.00	6.30	CLASS 4	30	152	58	12.98	0.38			
519	RAJA	15	M	9	G	36	PS	US	36	PS	US	B	P	2	5	H	2	1	O	11.00	6.00	CLASS 4	42.5	162	64	16.19	0.40			
520	RUBAVIGNESH	14	M	9	G	42	MS	S	35	MS	UE	D	P	0	3	UH	5	3	O	9.00	5.00	CLASS 3	31.2	137	57	16.62	0.42			
521	ARAVINTH	15	M	9	G	42	IL	US	38	IL	US	B	P	2	5	UH	2	0	O	9.00	6.00	CLASS 4	36.4	160	63	14.22	0.39			
522	RAMESH	15	M	9	G	50	HS	S	60	MS	UE	C	P	1	4	UH	2	1	O	9.00	6.00	CLASS 4	41.3	161	62	15.93	0.39			
523	SURESHBABU	14	M	9	G	80	IL	US	67	IL	US	B	P	0	3	UH	6	3	O	9.00	6.00	CLASS 4	56	162	74	21.34	0.46			
524	VASANTH	15	M	9	G	49	HS	F	38	MS	UE	C	P	3	6	UH	0	0	O	10.00	6.00	CLASS 4	51	163	69	19.20	0.42			
525	RANGANATHAN	14	M	9	G	40	PS	US	35	MS	US	C	P	2	5	UH	5	2	O	9.00	6.00	CLASS 4	35.6	162	60	13.57	0.37			
526	MUKESH	14	M	9	G	40	MS	S	38	MS	US	C	P	1	4	UH	5	3	O	11.00	6.00	CLASS 3	31.5	155	53	13.11	0.34			
527	JEEVA	13	M	9	G	-	-	-	38	HS	US	B	P	1	4	UH	3	1	O	8.30	6.00	CLASS4	39.5	156	67	16.23	0.43			
528	SELLAPPAN	14	M	9	G	40	IL	US	39	IL	US	C	P	2	3	UH	3	0	O	9.00	8.00	CLASS 4	30.1	147	55	13.93	0.37			
529	ANANDH	15	M	9	G	41	HS	US	31	MS	US	B	P	1	7	UH	7	3	O	9.00	6.00	CLASS 4	28.5	145	53	13.56	0.37			
530	BASKAR	15	M	9	G	42	MS	F	39	MS	UE	D	P	1	4	UH	6	3	O	9.00	6.00	CLASS 3	45.3	165	67	16.64	0.41			
531	MOHAMMAD RIYAS	14	M	9	G	-	-	-	37	HS	S	C	P	1	4	UH	3	0	O	10.00	7.00	CLASS 4	29.7	151	57	13.03	0.38			
532	BARANI	14	M	9	G	42	IL	US	32	IL	US	C	P	1	4	UH	5	2	O	9.30	6.00	CLASS 4	31.6	145	51	15.03	0.35			
533	ARAVINTH	13	M	9	G	49	HS	F	38	MS	F	C	P	3	6	UH	3	1	O	10.00	7.00	CLASS4	62.2	155	86	25.89	0.55		OBESE	OBESE
534	SAKTHI	15	M	9	G	40	MS	S	35	PS	UE	C	P	2	5	UH	3	1	O	9.00	6.00	CLASS 4	71.3	168	87	25.26	0.52		OBESE	OBESE
535	KASI VISWANATHAN	15	M	10	G	39	PS	US	38	PS	US	C	P	1	4	UH	4	1	O	10.00	6.30	CLASS 4	41.6	161	59	16.05	0.37			
536	SUBASH	15	M	10	G	43	D	P	38	HS	UE	D	P	2	5	-	1	2	I	9.30	6.00	CLASS 3	63	159	82	24.92	0.52			OBESE
537	AJITH	15	M	10	G	46	MS	US	36	PS	US	D	P	0	5	UH	1	3	O	9.00	5.00	CLASS 3	36.9	141	60	18.56	0.43			
538	SAKTHIVEL	14	M	10	G	48	MS	US	45	IL	US	B	P	0	3	UH	0.3	2	O	8.00	6.00	CLASS 4	38	151	55	16.67	0.36			
539	SHAJEK	15	M	10	G	38	PS	F	34	HS	F	D	P	1	4	UH	2	1	I	10.00	5.00	CLASS 3	46.6	160	68	18.20	0.43			
540	SIVASAKTHI	15	M	10	G	36	MS	US	34	HS	US	E	P	1	4	UH	3	1	I	7.00	6.00	CLASS 3	39.5	162	61	15.05	0.38			

541	SABARI MENAGARAJ	14	M	10	G	38	D	F	34	HS	UE	C	P	2	5	UH	2	1	O	9.00	7.30	CLASS 4	50.3	161	71	19.41	0.44			
542	PRABHU	15	M	10	G	40	PS	US	38	PS	US	B	P	1	4	UH	2	1	I	10.00	6.00	CLASS 4	30.9	159	61	12.22	0.38			
543	PRADAP	15	M	10	G	40	PS	US	38	PS	US	C	G	4	6	UH	3	3	O	9.00	6.00	CLASS 4	41.4	152	61	17.92	0.40			
544	ARJUN	14	M	10	G	38	PS	US	35	PS	US	D	P	0	5	UH	2	2	O	9.00	6.00	CLASS 3	36	142	59	17.85	0.42			
545	KARTHIKEYAN	15	M	10	G	48	MS	US	41	HS	US	C	P	0	3	UH	-	-	O	8.30	6.00	CLASS 4	53.4	170	72	18.48	0.42			
546	RAJASEKAR	15	M	10	G	38	MS	US	35	PS	US	D	G	0	8	UH	1	1	O	8.00	6.00	CLASS 3	39.3	152	58	17.01	0.38			
547	MANIKANDAN	14	M	10	G	56	PS	US	38	PS	US	E	P	2	5	UH	5	3	O	10.30	7.30	CLASS 3	31.7	159	59	12.54	0.37			
548	YOGARAJ	15	M	10	G	46	MS	US	37	PS	US	C	P	1	4	H	2	1	O	11.00	6.00	CLASS 4	33.7	159	60	13.33	0.38			
549	PRASATH	15	M	10	G	-	-	-	42	HS	US	C	P	1	3	UH	2	2	O	9.00	6.00	CLASS 4	32.7	143	60	15.99	0.42			
550	GOKULA KRISHNAN	15	M	10	G	48	D	US	35	MS	US	C	P	1	4	UH	2	2	O	11.30	5.00	CLASS 4	40.6	158	66	16.26	0.42			
551	RAJAGURU	15	M	10	G	38	HS	S	32	HS	UE	C	P	3	8	UH	1	-	O	9.00	6.00	CLASS 4	53.1	157	76	21.54	0.48			OBESE
552	SIVARAMAN	15	M	10	G	58	PS	US	36	PS	US	C	P	1	7	UH	1	2	O	8.00	5.00	CLASS 4	41	148	68	18.72	0.46			
553	DHANAPAL	15	M	10	G	45	MS	US	35	HS	US	A	P	0	7	UH	1	0	O	1.00	6.00	CLASS 4	35.5	159	58	14.04	0.36			
554	KARANESH	15	M	10	G	42	MS	US	36	PS	US	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 4	61.9	168	73	21.93	0.43			
555	PADAIYAPPA	15	M	10	G	49	IL	US	39	IL	US	C	P	4	7	UH	-	-	O	9.00	6.00	CLASS 4	51.8	164	70	19.26	0.43			
556	PRABHU	15	M	10	G	36	HS	US	28	MS	US	E	P	1	4	UH	2	2	O	10.00	6.30	CLASS 3	44	167	64	15.78	0.38			
557	NAGARAJ	15	M	10	G	32	HS	US	31	PHS	US	C	P	1	4	UH	3	2	O	9.30	7.30	CLASS 4	46	160	62	17.97	0.39			
558	POUNRAJ	15	M	10	G	62	IL	US	40	IL	US	D	P	2	5	UH	2	2	O	10.30	7.00	CLASS 4	55.4	166	68	20.10	0.41			
559	KANNAN	15	M	10	G	36	HS	S	33	MS	UE	G	P	1	4	UH	2	2	O	11.00	7.00	CLASS 3	42.2	160	60	16.48	0.38			
560	MARIKANI	15	M	10	G	45	IL	US	37	IL	US	E	P	0	5	UH	2	1	O	11.00	7.00	CLASS 3	50	175	68	16.33	0.39			
561	SURESH KRISHNA	15	M	10	G	40	MS	US	36	PS	US	C	P	1	4	-	-	-	O	10.00	6.30	CLASS 4	44.6	162	64	16.99	0.40			
562	ARAVINDH	15	M	10	G	58	HS	S	45	HS	UE	E	P	1	5	UH	2	2	O	10.30	7.00	CLASS 3	44	161	60	16.97	0.37			
563	GOKUL	15	M	10	G	52	MS	US	45	PS	UE	D	P	0	3	UH	3	2	O	10.00	6.30	CLASS 4	48	172	71	16.22	0.41			
564	KAMATCHINATHAN	15	M	10	G	50	HS	US	40	PS	UE	C	P	2	5	UH	3	2	O	11.00	6.30	CLASS 4	54.5	176	71	17.59	0.40			
565	RONALD	15	M	10	G	45	D	S	34	HS	UE	E	P	1	4	UH	2	1	O	10.00	5.00	CLASS 3	35.9	159	61	14.20	0.38			
566	MANIKANDAN	15	M	10	G	40	IL	US	38	IL	UE	E	P	2	4	UH	3	2	O	11.00	6.30	CLASS 3	65	169	83	22.76	0.49		OBESE	OBESE
567	BALAKUMAR	15	M	10	G	45	HS	US	42	MS	US	D	P	0	2	UH	2	3	O	9.00	6.00	CLASS 3	53.1	151	83	23.29	0.55		OBESE	OBESE
568	HARSHITHA	14	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	37	149	59	16.67	0.40			
569	GAYATHRI	15	F	11	P	39	D	P	36	HS	UE	E	P	0	3	UH	1	0	O	11.00	5.00	CLASS 2	54	155	65	22.48	0.42			
570	MATHU	15	F	11	P	47	HS	F	45	HS	UE	G	P	0	3	H	1	1	O	10.30	5.00	CLASS 1	53	159	63	20.96	0.40			
571	MONISHWARI	15	F	11	P	47	HS	F	42	HS	UE	D	P	1	4	H	1	0	O	10.30	4.30	CLASS 3	54	149	61	24.32	0.41			
572	KANISHKA	15	F	11	P	43	D	P	39	D	P	F	P	1	4	H	2	1	O	9.00	4.30	CLASS 2	40	153	58	17.09	0.38			
573	SUMITHRA	15	F	11	P	49	HS	F	39	HS	F	G	P	1	6	H	1	2	O	10.00	4.30	CLASS 3	60	166	65	21.77	0.39			
574	MALINE	15	F	11	P	44	D	P	38	D	P	G	P	0	3	UH	3	0	O	10.30	4.30	CLASS 1	49	159	60	19.38	0.38			

575	ANUSHIYA	15	F	11	P	46	D	P	37	HS	F	G	P	1	4	UH	0	0	O	10.30	4.30	CLASS 1	44	150	68	19.56	0.45			
576	DEVADARSHINI	15	F	11	P	50	PHS	F	44	PHS	F	G	P	0	3	H	2	2	I	9.30	6.00	CLASS 2	42	149	65	18.92	0.44			
577	SNEHA SREE	15	F	11	P	50	D	P	46	D	UE	G	P	1	4	UH	1	1	O	11.30	6.00	CLASS 2	40	150	57	17.78	0.38			
578	JAYASRI	15	F	11	P	42	HS	F	38	HS	F	G	P	1	4	UH	0	0	O	11.00	4.30	CLASS 3	48	154	60	20.24	0.39			
579	PRIYADARSHII	15	F	11	P	42	D	F	36	D	UE	G	P	1	4	UH	1	2	O	9.30	5.00	CLASS 2	45	148	65	20.54	0.44			
580	ADITHI	15	F	11	P	50	D	F	42	D	F	G	P	1	4	UH	3	2	I	11.00	7.00	CLASS 2	60	150	78	26.67	0.52	OBESE	OBESE	OBESE
581	NITHI NANDHA	15	F	11	P	50	D	F	38	D	F	G	P	1	4	UH	0	0	I	11.00	7.00	CLASS 2	61	152	79	26.40	0.52	OBESE	OBESE	OBESE
582	ANITHA	15	F	11	P	42	HS	F	34	HS	UE	G	P	1	4	H	3	2	O	11.00	5.30	CLASS 2	42	156	65	17.26	0.42			
583	DEEPALAKSHMI	15	F	11	P	42	PS	F	37	MS	UE	G	P	1	4	UH	3	1	O	10.30	4.00	CLASS 2	44	149	68	19.82	0.46			
584	PRADHARSANA	15	F	11	P	48	PG	F	39	PG	UE	G	P	1	4	UH	2	2	I	10.00	5.00	CLASS 3	44	162	65	16.77	0.40			
585	MADHUVATHANA	15	F	11	P	50	D	F	49	D	P	G	P	1	4	UH	4	3	I	10.30	5.30	CLASS 2	63	155	78	26.22	0.50	OBESE	OBESE	OBESE
586	KAVYA	15	F	11	P	44	HS	F	34	PHS	UE	G	P	1	4	H	0	0	O	10.00	4.00	CLASS 3	38	152	64	16.45	0.42			
587	ISWARIYA	15	F	11	P	42	HS	S	36	PHS	UE	F	P	1	4	UH	1	2	O	10.00	4.30	CLASS 3	45	152	70	19.48	0.46			
588	SAMRAKSHANA	15	F	11	P	40	D	F	39	D	P	G	P	1	6	H	0	0	O	10.00	5.30	CLASS 2	40	152	65	17.31	0.43			
589	SRUTHI	15	F	11	P	48	HS	S	45	HS	UE	F	P	0	3	UH	2	1	I	10.30	6.30	CLASS 3	60	154	78	25.30	0.51		OBESE	
590	ADHARSHINI	15	F	11	P	46	D	F	43	PG	UE	G	P	1	4	H	1	0	O	10.30	5.30	CLASS 2	56	160	68	21.88	0.43			
591	SILAMBARASAN	15	M	11	P	43	MS	S	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	42	160	63	16.41	0.39			
592	KARTHIK	15	M	11	P	58	PHS	S	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 3	40	157	57	16.23	0.36			
593	MAHESH	15	M	11	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	40	155	56	16.65	0.36			
594	NIKILAN	15	M	11	P	40	HS	S	35	D	UE	D	P	1	4	UH	4	2	I	11.00	7.00	CLASS 3	45	155	65	18.73	0.42			
595	KARNAN	15	M	11	P	38	HS	US	36	HS	UE	C	P	1	4	UH	4	1	O	8.00	5.00	CLASS 4	36	147	58	16.66	0.39			
596	RAJKUMAR	15	M	11	P	39	PS	F	29	HS	UE	C	P	2	5	UH	2	1	O	9.00	5.00	CLASS 3	40	155	65	16.65	0.42			
597	CHANDRU	15	M	11	P	42	PHS	S	38	HS	UE	D	P	1	8	UH	2	0	O	9.30	6.00	CLASS 3	38	145	59	18.07	0.41			
598	THARUN	15	M	11	P	38	MS	S	35	HS	UE	B	P	1	4	H	2	0	I	10.00	7.00	CLASS 2	38	145	54	18.07	0.37			
599	SANTHOSH	15	M	11	P	40	MS	F	35	PS	UE	F	P	2	5	UH	3	1	O	9.00	6.00	CLASS 3	65	160	82	25.39	0.51		OBESE	OBESE
600	SHRI GANESH	15	M	11	P	45	PHS	F	35	PHS	UE	G	P	1	4	UH	5	3	O	11.30	6.00	CLASS 2	45	150	58	20.00	0.39			
601	NIRANJAN	15	M	11	P	42	HS	F	38	D	UE	G	P	0	3	UH	6	3	O	11.00	6.00	CLASS 2	40	157	57	16.23	0.36			
602	ADITHYA	15	M	11	P	41	P	F	39	PHS	UE	F	P	1	4	UH	5	0	I	10.30	6.30	CLASS 2	40	155	56	16.65	0.36			
603	ANIRUDTH	15	M	11	P	48	P	F	42	HS	UE	D	P	1	4	UH	6	3	I	10.00	6.30	CLASS 2	45	155	65	18.73	0.42			
604	MANIKANDAN	15	M	11	P	44	D	P	42	D	UE	G	P	1	4	UH	3	1	O	11.30	6.00	CLASS 1	40	147	58	18.51	0.39			
605	PRABHU	15	M	11	P	43	MS	P	33	MS	UE	C	P	2	6	UH	3	1	I	9.00	6.45	CLASS 2	45	140	79	22.96	0.56		OBESE	OBESE
606	DINESH	15	M	11	P	42	PHS	F	40	HS	F	E	P	1	5	UH	2	1	I	10.00	6.45	CLASS 2	42	138	79	22.05	0.57		OBESE	OBESE
607	BALASUBRAMANIAM	15	M	11	P	39	D	P	36	HS	UE	E	P	0	3	UH	1	0	O	11.00	5.00	CLASS 2	50	169	60	17.51	0.36			
608	UDHYAKUMAR	15	M	11	P	48	HS	F	45	HS	UE	G	P	0	3	H	1	1	O	10.30	5.00	CLASS 1	41	140	51	20.92	0.36			

609	RAVI	15	M	11	P	50	HS	F	42	HS	UE	D	P	1	4	H	1	0	O	11.00	7.00	CLASS 3	40	175	70	13.06	0.40			
610	JOSEPH	15	M	11	P	43	D	P	41	D	P	F	P	1	4	H	2	1	O	10.30	6.30	CLASS 2	45	156	61	18.49	0.39			
611	SENTHIL	15	M	11	P	49	HS	F	45	HS	F	G	P	1	6	H	1	2	O	10.00	6.00	CLASS 3	44	150	70	19.56	0.47			
612	ARUNKUMAR	15	M	11	P	44	D	P	40	D	P	G	P	0	3	UH	3	0	O	10.30	6.30	CLASS 1	50	147	68	23.14	0.46			
613	RAMKUMAR	11	M	7	P	42	MS	SH	31	HS	S	C	P	1	4	UH	4	1	I	10.00	4.00	CLASS 3	48	146	73	22.52	0.50	OBESE	OBESE	OBESE
614	PRAVEEN	11	M	7	P	42	MS	F	31	HS	F	C	P	1	4	UH	4	1	O	10.00	4.00	CLASS 2	38	145	62	18.07	0.43			
615	NITHIN	11	M	7	P	54	MS	UE	40	PS	S	C	P	1	4	H	2	1	O	9.50	6.50	CLASS 3	35	143	61	17.12	0.43			
616	MUSTHAFFA	11	M	7	P	42	MS	S	33	HS	F	B	P		3	UH	2	1	O	9.50	6.50	CLASS 3	37	144	63	17.84	0.44			
617	VARUN	11	M	7	P	41	HS	SS	34	MS	F	C	P	1	4	UH	3	3	I	8.50	5.50	CLASS 2	48	154	71	20.24	0.46		OBESE	
618	NIKILESH	11	M	7	P	34	MS	S	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 3	40	150	67	17.78	0.45			
619	BALAJI	11	M	7	P	41	D	P	30	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	44	151	66	19.30	0.44			
620	TRILOK	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	I	8.50	5.00	CLASS 3	50	155	69	20.81	0.45		OBESE	
621	PRASANNA	11	M	7	P	37	MS	S	35	HS	UE	B	P	2	7	UH	2	1	O	9.50	6.00	CLASS 3	36	145	62	17.12	0.43			
622	KAVIN	11	M	7	P	35	MS	F	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 2	35	145	61	16.65	0.42			
623	HEMESH	11	M	7	P	40	D	P	32	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	40	150	66	17.78	0.44			
624	KRISHNA	11	M	7	P	46	MS	US	32	MS	UE	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 3	33	139	59	17.08	0.42			
625	SRIRAM	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	O	8.50	5.00	CLASS 3	30	138	57	15.75	0.41			
626	ARUN	11	M	7	P	45	D	P	35	D	S	D	P	1	4	UH	2.5	1	I	10.00	5.50	CLASS 2	40	140	71	20.41	0.51		OBESE	OBESE
627	SKANTHA	11	M	7	P	43	PHS	SP	42	PHS	SP	E	P	1	4	UH	3.5	2	O	10.00	6.00	CLASS 2	34	142	60	16.86	0.42			
628	SANTHESH	11	M	7	P	39	PS	F	34	HS	UE	C	P	1	4	UH	6	1	O	11.30	7.00	CLASS 3	37	144	61	17.84	0.42			
629	PRANAV	11	M	7	P	43	MS	F	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	36	143	59	17.60	0.41			
630	ARSATH	11	M	7	P	58	PHS	P	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 2	40	147	67	18.51	0.46			
631	KANISHK	11	M	7	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	32	141	56	16.10	0.40			
632	SARRVESH	11	M	7	P	48	D	SH	45	PD	P	D	P	0	3	UH	4	2	I	10.00	6.00	CLASS 3	53	160	83	20.70	0.52		OBESE	OBESE
633	NAVIN	11	M	7	P	42	D	S	37	IL	UE	B	P	1	4	H	4	1	O	9.00	5.00	CLASS 3	43	150	67	19.11	0.45			
634	NAVEEN PRABHU	11	M	7	P	39	D	F	30	MS	UE	C	P	3	6	UH	2	1	O	9.00	6.00	CLASS 2	42	149	68	18.92	0.46			
635	SATHISH	11	M	7	P	42	D	S	38	MS	UE	C	P	1	4	UH	4	1	O	9.50	7.00	CLASS 3	45	155	63	18.73	0.41			
636	SASEENTHIRAN	11	M	7	P	45	MS	S	41	HS	UE	D	P	1	4	UH	3	1	O	12.00	7.00	CLASS 3	31	139	58	16.04	0.42			
637	SASITHARAN	11	M	7	P	36	PHS	S	32	HS	UE	C	P	1	4	UH	1	1	O	9.00	6.00	CLASS 2	39	152	68	16.88	0.45			
638	KESHAVAN	11	M	7	G	31	PHS	S	30	HS	UE	C	P	2	5	H	1	0	I	10.00	7.00	CLASS 3	30	138	57	15.75	0.41			
639	MANIKANDAN	11	M	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	26	133	52	14.70	0.39			
640	VASANTH	11	M	7	G	42	MS	F	34	MS	S	C	P	1	4	UH	3	2	O	11.00	6.00	CLASS 3	48	145	73	22.83	0.50	OBESE	OBESE	OBESE
641	JAYARAM	11	M	7	G	43	MS	S	32	PS	UE	B	P	3	4	UH	0.1	1	I	10.00	7.00	CLASS 4	35	143	62	17.12	0.43			
642	SARAVANAN	11	M	7	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	33	143	56	16.14	0.39			

643	ARUN	11	M	7	G	40	HS	S	32	HS	S	B	GP	1	4	H	1	1	O	9.30	7.00	CLASS 4	35	144	62	16.88	0.43			
644	KARTHIK	11	M	7	G	45	MS	UE	42	MS	US	B	P	1	4	UH	3	3	O	9.00	6.00	CLASS 4	32	141	54	16.10	0.38			
645	JEYA CHANDRAN	11	M	7	G	36	PS	S	35	IL	UE	B	P	2	5	H	2	1	O	10.00	8.00	CLASS 4	41	148	67	18.72	0.45			
646	SURYA	11	M	7	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	38	145	58	18.07	0.40			
647	NIRMAL	11	M	7	G	42	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	25	132	55	14.35	0.42			
648	SARATHKUMAR	11	M	7	G	42	MS	S	31	PS	US	C	P	2	5	H	2	0	I	10.00	9.00	CLASS 3	37	146	62	17.36	0.42			
649	MURALI	11	M	7	G	34	MS	S	36	MS	S	B	P	1	4	UH	2	1	O	11.00	6.00	CLASS 3	44	150	69	19.56	0.46		OBESE	
650	CHANDRAN	11	M	7	G	40	MS	S	30	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	34	144	61	16.40	0.42			
651	AJITH	11	M	7	G	42	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	40	151	57	17.54	0.38			
652	VIJAY	11	M	7	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	28	137	56	14.92	0.41			
653	VIGNESWARAN	11	M	7	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	44	151	66	19.30	0.44			
654	HARI BASKAR	11	M	7	G	38	PS	S	32	MS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	35	145	50	16.65	0.34			
655	HARIHARAN	11	M	7	G	35	MS	S	30	MS	US	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 4	40	147	67	18.51	0.46			
656	GNAVEL	11	M	7	G	46	MS	S	36	HS	UE	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	45	148	70	20.54	0.47		OBESE	
657	IMANUEL	11	M	7	G	41	PS	S	43	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	42	151	66	18.42	0.44			
658	SABARISH	11	M	7	G	33	PHS	S	32	HS	UE	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	38	148	64	17.35	0.43			
659	PRADEEP	11	M	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	31	139	54	16.04	0.39			
660	SRIMAN	11	M	7	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	35	140	58	17.86	0.41			
661	PRASANTH	11	M	7	G	50	MPS	UE	49	PS	US	B	P	1	5	UH	1	1	O	10.00	6.00	CLASS 4	33	140	60	16.84	0.43			
662	JAYALAKSHMI	11	F	7	G	45	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	26	136	56	14.06	0.41			
663	SANGEETHA	11	F	7	G	47	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	31	139	55	16.04	0.40			
664	NEERJAHAN	11	F	7	G	42	PHS	S	37	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	32	148	57	14.61	0.39			
665	SABEENA	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	I	8.00	7.00	CLASS 3	51	145	72	24.26	0.50	OBESE	OBESE	OBESE
666	PARIMALA	11	F	7	G	38	PS	S	32	MS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	39	150	64	17.33	0.43			
667	SANDHYA	11	F	7	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	38	157	64	15.42	0.41			
668	RENUKA	11	F	7	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	34	143	61	16.63	0.43			
669	PRADEEPA	11	F	7	G	39	PHS	S	38	MS	UE	C	P	1	4	H	1	1	O	9.30	5.30	CLASS 3	45	156	63	18.49	0.40			
670	AARTHI	11	F	7	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	41	149	69	18.47	0.46		OBESE	
671	AMBIKA	11	F	7	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	44	144	65	21.22	0.45			
672	MALARKODI	11	F	7	G	37	PHS	S	30	HS	UE	C	P	1	5	H	2	1	O	8.00	6.00	CLASS 3	30	143	56	14.67	0.39			
673	MEENA	11	F	7	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	36	155	63	14.98	0.41			
674	TAMILARASI	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	UH	3	2	I	8.00	7.00	CLASS 3	60	163	79	22.58	0.48	OBESE	OBESE	
675	KAVITHA	11	F	7	G	45	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	32	138	59	16.80	0.43			
676	GAYATHRI	11	F	7	G	42	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	34	148	59	15.52	0.40			

677	INDHUMATHI	11	F	7	G	45	PHS	F	37	MS	US	B	P	1	4	H	2	0	O	10.00	6.00	CLASS 3	40	150	62	17.78	0.41			
678	PRIYADHARSHINI	11	F	7	G	38	HS	S	36	MS	S	C	P	2	5	UH	9	3	I	10.00	6.00	CLASS 3	40	144	73	19.29	0.51		OBESE	OBESE
679	BRINDHA	11	F	7	G	37	HS	S	36	HS	UE	C	P	1	5	UH	1	1	I	11.00	5.00	CLASS 3	36	136	60	19.46	0.44			
680	FATHEEMA	11	F	7	G	37	HS	US	33	PHS	UE	B	P	1	4	H	6	3	I	9.00	6.00	CLASS 4	40	148	64	18.26	0.43			
681	BRINDHADEVI	11	F	7	G	42	PS	S	40	HS	S	C	P	3	6	UH	1	1	I	9.00	4.00	CLASS 3	45	148	70	20.54	0.47		OBESE	
682	MELBHA	11	F	7	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	35	157	62	14.20	0.39			
683	JAYA	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	36	146	62	16.89	0.42			
684	ANUSHIYA	11	F	7	G	40	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	37	149	56	16.67	0.38			
685	BAKYALAKSHMI	11	F	7	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	35	141	62	17.60	0.44			
686	POOMATHI	11	F	7	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	45	158	63	18.03	0.40			
687	NITHYA	11	F	7	G	36	MS	US	35	MS	US	B	P	2	5	UH	12	3	I	9.00	6.00	CLASS 4	33	144	64	15.91	0.44			
688	ANITHA	11	F	7	G	36	MS	US	35	MS	US	C	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	35	158	62	14.02	0.39			
689	NANTHINI	11	F	7	G	40	IL	US	35	IL	US	B	P	2	5	UH	12	3	I	9.00	6.00	CLASS 4	42	150	71	18.67	0.47		OBESE	
690	DIVYA	11	F	7	G	34	MS	S	33	PHS	UE	C	P	1	4	H	2	1	O	8.30	6.00	CLASS 3	45	148	60	20.54	0.41			
691	AROKIYAMERI	11	F	7	G	40	MS	S	38	MS	UE	B	P	2	5	H	2	1	O	9.30	6.00	CLASS 3	35	144	56	16.88	0.39			
692	JAYANTHI	11	F	7	G	38	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	33	143	58	16.14	0.41			
693	POORNIMA	11	F	7	G	40	HS	US	35	MS	US	B	P	0	3	H	12	3	I	8.00	6.00	CLASS 4	44	159	62	17.40	0.39			
694	ABIRAMI	11	F	7	G	40	HS	S	32	HS	S	B	GP	1	4	UH	2	1	I	9.30	7.00	CLASS 4	43	149	74	19.37	0.50		OBESE	OBESE
695	VASANTHI	11	F	7	G	40	HS	S	32	HS	S	B	GP	1	4	H	1	1	O	9.30	7.00	CLASS 4	44	156	64	18.08	0.41			
696	SRUTHI	11	F	7	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	6	3	I	9.00	6.00	CLASS 4	36	160	62	14.06	0.39			
697	RADHIKA	11	F	7	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	39	151	61	17.10	0.40			
698	POONKOTHAI	11	F	7	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	45	156	64	18.49	0.41			
699	SIVAKAMI	11	F	7	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	6	2	I	9.00	6.00	CLASS 4	39	143	62	19.07	0.43			
700	REVATHI	11	F	7	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	40	155	59	16.65	0.38			
701	PRABHADEVI	11	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	40	152	64	17.31	0.42			
702	VIGNESWARI	11	F	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	I	10.00	6.00	CLASS 3	41	148	73	18.72	0.49		OBESE	
703	BANUPRIYA	11	F	7	G	42	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	35	156	63	14.38	0.40			
704	LAKSHMI	11	F	7	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	40	138	61	21.00	0.44			
705	SANTHI	11	F	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	38	149	63	17.12	0.42			
706	ISWARIYA	11	F	7	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	6	3	I	9.00	6.00	CLASS 4	37	155	64	15.40	0.41			
707	AYSHA	11	F	7	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	34	146	58	15.95	0.40			
708	LOGESWARI	11	F	7	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	46	157	65	18.66	0.41			
709	ANDAL	11	F	7	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	34	144	57	16.40	0.40			
710	MONISHA	11	F	7	G	43	MS	S	33	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	36	145	63	17.12	0.43			

711	RANI	11	F	7	G	39	MS	S	36	HS	S	C	P	1	4	UH	3	1	I	10.00	6.00	CLASS 3	48	147	75	22.21	0.51		OBESE	OBESE
712	DHARANI	11	F	7	P	40	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	31	138	59	16.28	0.43			
713	SHUBIKHPRIYA	11	F	7	P	40	PHS	S	35	MS	UE	C	P	1	4	UH	4	2	I	9.30	6.00	CLASS 3	51	148	74	23.28	0.50	OBESE	OBESE	OBESE
714	DEEPIKA	11	F	7	P	42	HS	F	38	MS	UE	D	P	1	6	H	0	0	O	10.00	4.30	CLASS 3	36	145	62	17.12	0.43			
715	ANUSHIYA	11	F	7	P	39	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 2	36	157	62	14.61	0.39			
716	DEEPA SREE	11	F	7	P	45	HS	F	40	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	46	146	65	21.58	0.45			
717	GAYATHRI	11	F	7	P	42	HS	F	40	D	UE	F	P	1	4	UH	3	1	I	10.00	6.30	CLASS 2	47	156	73	19.31	0.47		OBESE	
718	PREETHI	11	F	7	P	42	HS	F	31	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 2	33	139	59	17.08	0.42			
719	HARINI	11	F	7	P	52	HS	P	45	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	35	146	62	16.42	0.42			
720	SUDHARSHANA	11	F	7	P	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	44	156	64	18.08	0.41			
721	ISWARIYA	11	F	7	P	55	PHS	F	50	HS	UE	G	P	0	3	UH	6	2	I	10.30	7.00	CLASS 2	53	144	73	25.56	0.51	OBESE	OBESE	OBESE
722	SNEHA SREE	11	F	7	P	45	HS	F	43	D	UE	E	P	0	3	H	3	1	I	10.30	7.30	CLASS 2	45	143	74	22.01	0.52		OBESE	OBESE
723	RITHIKA	11	F	7	P	42	PHS	F	37	PHS	UE	E	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	37	147	64	17.12	0.44			
724	AKANIYA	11	F	7	P	41	D	F	35	D	UE	F	P	1	4	UH	0	0	I	10.30	4.00	CLASS 2	34	137	58	18.11	0.42			
725	SYAMVARTHINI	11	F	7	P	54	HS	S	49	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	39	158	64	15.62	0.41			
726	BRINDHASHREE	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	43	156	65	17.67	0.42			
727	DIVYA PRABHA	11	F	7	P	38	PHS	F	32	PHS	F	G	P	1	4	H	4	0	O	11.00	4.00	CLASS 2	46	157	65	18.66	0.41			
728	JAYSNEHA	11	F	7	P	55	HS	P	51	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	41	148	64	18.72	0.43			
729	KANISHKA	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	45	158	64	18.03	0.41			
730	KRITHIKA	11	F	7	P	44	HS	F	34	PHS	UE	G	P	1	4	H	0	0	I	10.00	6.00	CLASS 3	48	150	70	21.33	0.47		OBESE	
731	SAVEETHA	11	F	7	P	42	HS	S	36	PHS	F	F	P	1	4	UH	1	2	I	10.00	6.15	CLASS 3	44	147	75	20.36	0.51		OBESE	OBESE
732	SRIHARINI	11	F	7	P	40	D	F	37	D	P	G	P	1	6	H	0	0	O	10.00	5.30	CLASS 2	38	154	63	16.02	0.41			
733	SANGAMITHRA	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	45	157	63	18.26	0.40			
734	SANGAVI	11	F	7	P	40	PHS	F	36	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	40	147	64	18.51	0.44			
735	SHOBIKA	11	F	7	P	38	D	F	35	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	44	157	63	17.85	0.40			
736	PREETHI	11	F	7	P	41	PHS	F	30	HS	UE	F	P	1	4	UH	0	2	1	11.30	6.00	CLASS 3	52	154	71	21.93	0.46		OBESE	
737	HARINI NIVETHA	11	F	7	P	48	D	P	43	PHS	UE	F	P	1	4	H	2	0	O	12.00	4.00	CLASS 2	36	156	62	14.79	0.40			
738	POOJA	11	F	7	P	57	D	P	54	HS	UE	F	P	0	3	H	0	0	I	11.30	5.00	CLASS 2	40	150	63	17.78	0.42			
739	PRITHVI	11	F	7	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	42	155	62	17.48	0.40			
740	SRUTHILAKSHMI	11	F	7	P	43	D	P	40	D	SP	G	P	0	3	H	2	1	I	9.00	6.45	CLASS 1	50	146	73	23.46	0.50	OBESE	OBESE	OBESE
741	JANANI	11	F	7	P	43	HS	P	36	HS	UE	F	P	1	4	H	2	1	I	9.30	5.00	CLASS 2	37	145	63	17.60	0.43			
742	SWETHA	11	F	7	P	38	D	F	36	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	38	146	61	17.83	0.42			
743	DURGA	11	F	7	P	43	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 1	42	146	65	19.70	0.45			
744	SHARMILA	11	F	7	P	48	HS	S	45	PHS	UE	D	P	1	4	H	3	1	O	10.00	4.45	CLASS 2	42	156	62	17.26	0.40			

745	SHUBIKSHA	11	F	7	P	48	PHS	S	43	PHS	-	F	P	1	3	H	3	2	I	11.00	5.30	CLASS 3	42	148	70	19.17	0.47		OBESE	
746	SUJI	11	F	7	P	53	HS	P	47	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	45	156	64	18.49	0.41			
747	DEEPA	11	F	7	P	48	D	P	43	HS	UE	F	P	1	4	UH	2	1	O	12.00	4.30	CLASS 2	36	145	62	17.12	0.43			
748	DIVYA	11	F	7	P	50	D	F	41	PHS	UE	G	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	37	147	64	17.12	0.44			
749	MANISHA	11	F	7	P	50	D	F	42	D	SP	G	P	1	4	UH	0	0	O	11.30	5.00	CLASS 2	45	154	66	18.97	0.43			
750	HASMA	11	F	7	P	39	PHS	P	36	D	UE	G	P	1	4	H	4	1	O	10.30	4.00	CLASS 2	46	150	65	20.44	0.43			
751	AYSHA SAHANI	11	F	7	P	45	HS	P	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	35	156	61	14.38	0.39			
752	VEDHA	11	F	7	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	2	I	11.00	7.00	CLASS 2	49	152	71	21.21	0.47		OBESE	
753	ROSHIMI	11	F	7	P	42	D	P	37	D	UE	G	P	1	4	UH	2	2	O	10.00	5.00	CLASS 1	42	148	63	19.17	0.43			
754	NIKITHA	11	F	7	P	45	D	F	39	D	UE	G	G	1	5	UH	0	0	O	11.00	5.00	CLASS 2	33	140	61	16.84	0.44			
755	RESHMA	11	F	7	P	44	D	SP	42	D	UE	E	P	1	4	UH	1	1	O	11.00	4.00	CLASS 2	43	156	64	17.67	0.41			
756	ANJALIN	11	F	7	P	38	D	F	35	PHS	UE	G	P	0	3	UH	6	2	I	9.30	8.00	CLASS 2	50	146	73	23.46	0.50		OBESE	OBESE
757	GEETHANJALI	11	F	7	P	40	PHS	F	33	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	41	152	63	17.75	0.41			
758	SREYA	11	F	7	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	38	146	63	17.83	0.43			
759	SNEHA	11	F	7	P	40	PHS	F	38	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	46	159	64	18.20	0.40			
760	JANARAKSHA	11	F	7	P	40	PHS	F	35	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	60	150	76	26.67	0.51			
761	ABI NANDHANA	11	F	7	P	38	D	F	33	PHS	F	G	P	0	3	UH	6	2	I	9.30	8.00	CLASS 2	48	140	70	24.49	0.50	OBESE	OBESE	OBESE
762	HARISH	12	M	8	G	45	MS	F	42	MS	S	C	P	1	4	UH	3	2	O	11.00	6.00	CLASS 3	58	145	72	27.59	0.50	OBESE	OBESE	OBESE
763	ASHOKKUMAR	12	M	8	G	42	MS	S	36	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	33	143	59	16.14	0.41			
764	RAMACHANDRAN	12	M	8	G	48	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	40	149	65	18.02	0.44			
765	PREMNATH	12	M	8	G	43	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	43	154	64	18.13	0.42			
766	DHANAPAL	12	M	8	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	39	147	64	18.05	0.44			
767	GOBINATH	12	M	8	G	40	PS	S	33	PS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	44	156	66	18.08	0.42			
768	GOWTHAM	12	M	8	G	38	MS	S	32	MS	US	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 3	35	146	58	16.42	0.40			
769	GURUSAMY	12	M	8	G	39	D	F	35	MS	F	C	P	2	5	UH	3	2	2	10.30	6.30	CLASS 3	46	153	73	19.65	0.48		OBESE	
770	SEKAR	12	M	8	G	45	MS	SS	36	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	49	158	68	19.63	0.43			
771	VENKATESH	12	M	8	G	47	D	S	40	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	48	154	69	20.24	0.45			
772	BHARATHI	12	M	8	G	41	HS	S	38	PS	SS	B	P	1	4	UH	2	2	I	11.00	7.00	CLASS 4	49	157	74	19.88	0.47		OBESE	
773	RAJKUMAR	12	M	8	G	43	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	41	153	63	17.51	0.41			
774	MATHIAZHAGAN	12	M	8	G	44	PS	S	39	PS	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	42	153	65	17.94	0.42			
775	BOOPATHI	12	M	8	G	45	PS	UE	41	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	34	145	58	16.17	0.40			
776	ANDANI	12	M	8	G	48	PS	S	43	MS	S	B	P	2	4	H	3	2	O	10.00	4.30	CLASS 3	45	156	69	18.49	0.44			
777	PRABHAKARAN	12	M	8	G	36	PS	S	35	PS	UE	B	P	2	5	H	2	1	O	10.00	8.00	CLASS 4	48	156	68	19.72	0.44			
778	SARAVANAKUMAR	12	M	8	G	38	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	34	145	59	16.17	0.41			

779	PRAMESHWARI	12	F	8	G	42	PS	S	40	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	35	143	61	17.12	0.43			
780	ANANTHI	12	F	8	G	35	PHS	S	32	HS	S	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	39	146	64	18.30	0.44			
781	POTKODI	12	F	8	G	43	HS	S	38	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	40	147	66	18.51	0.45			
782	POOVINA	12	F	8	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	47	154	70	19.82	0.45			
783	GOMATHI	12	F	8	G	50	MPS	UE	47	PS	US	S	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	49	157	70	19.88	0.45			
784	CHITHRA	12	F	8	G	48	MS	S	45	PS	F	B	P	1	4	UH	5	3	I	11.30	6.30	CLASS 4	55	150	75	24.44	0.50	OBESE	OBESE	OBESE
785	KASTHURI	12	F	8	G	46	D	S	42	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	46	153	72	19.65	0.47		OBESE	
786	NIRMALA	12	F	8	G	43	PHS	S	40	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	46	160	63	17.97	0.39			
787	RADHAMANI	12	F	8	G	48	MPS	P	41	PS	US	C	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	43	146	60	20.17	0.41			
788	NIKILA	12	F	8	G	37	HS	S	31	HS	S	C	P	0	5	UH	1	1	I	9.45	7.00	CLASS 3	38	149	63	17.12	0.42			
789	KALPANA	12	F	8	G	39	PS	S	33	MS	S	B	P	1	3	H	3	2	I	10.00	6.30	CLASS 4	48	146	74	22.52	0.51		OBESE	OBESE
790	SHINY	12	F	8	G	40	MS	S	38	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	43	150	66	19.11	0.44			
791	SANJANA	12	F	8	G	37	D	P	35	PHS	S	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	40	163	64	15.06	0.39			
792	KAVITHA	12	F	8	G	39	PHS	S	38	MS	S	C	P	1	4	H	1	1	O	9.30	5.30	CLASS 3	33	142	60	16.37	0.42			
793	MALATHI	12	F	8	G	38	MS	S	35	MS	UE	C	P	0	3	UH	2	1	I	9.30	6.00	CLASS 3	47	154	69	19.82	0.45			
794	SATHYA	12	F	8	G	49	MPS	S	47	PS	US	S	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	43	155	62	17.90	0.40			
795	INDRANI	12	F	8	G	38	PHS	US	35	MS	US	B	P	1	6	UH	4.3	2	I	10.00	7.00	CLASS 4	56	147	74	25.92	0.50	OBESE	OBESE	OBESE
796	MARRISH	12	F	8	G	37	PS	US	35	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	41	148	67	18.72	0.45			
797	GEETHARANI	12	F	8	G	33	PS	US	32	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	45	155	68	18.73	0.44			
798	KALYANI	12	F	8	G	40	MS	US	35	MHS	UE	B	P	1	6	UH	4	2	I	11.00	7.00	CLASS 4	50	154	73	21.08	0.47		OBESE	
799	GEETHAMANI	12	F	8	G	36	MS	S	33	HS	S	C	P	1	4	H	0	0	O	9.00	6.00	CLASS 3	45	155	68	18.73	0.44			
800	RAJAMANI	12	F	8	G	37	PHS	S	35	HS	S	B	P	2	5	H	0	0	I	11.00	6.00	CLASS 3	41	148	67	18.72	0.45			
801	RAJESWARI	12	F	8	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	41	144	61	19.77	0.42			
802	RASHITHA	12	F	8	G	45	MS	US	41	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	47	154	70	19.82	0.45			
803	RAMYA	12	F	8	G	45	HS	F	44	PS	UE	C	P	1	4	UH	1	1	I	10.00	6.30	CLASS 3	42	149	65	18.92	0.44			
804	RAGAVI	12	F	8	G	42	PHS	S	39	HS	S	C	P	1	4	UH	2	1	I	10.15	6.45	CLASS 3	44	151	70	19.30	0.46			
805	SINSHYA	12	F	8	G	50	HS	S	45	HS	UE	C	P	1	7	UH	1	1	I	11.00	5.00	CLASS 3	43	154	66	18.13	0.43			
806	STEFI	12	F	8	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	5	2	I	10.30	6.00	CLASS 4	49	155	73	20.40	0.47		OBESE	
807	SHOBANA	12	F	8	G	45	D	S	35	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 4	43	155	66	17.90	0.43			
808	AMBIKA	12	F	8	G	40	PHS	S	38	MS	S	C	P	1	4	UH	1	1	I	9.30	5.30	CLASS 3	42	149	68	18.92	0.46			
809	BHUVANESHWARI	12	F	8	G	42	PHS	F	37	HS	S	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	34	142	59	16.86	0.42			
810	AMUTHA	12	F	8	G	37	HS	SS	36	PHS	UE	B	P	1	5	UH	2	1	I	11.00	4.00	CLASS4	47	154	69	19.82	0.45			
811	DEVIPRIYA	12	F	8	G	37	PHS	S	32	HS	UE	C	P	1	5	UH	2	1	I	8.00	6.00	CLASS 3	45	156	68	18.49	0.44			
812	POONGAVANAM	12	F	8	G	51	MS	US	48	MS	US	B	P	1	6	UH	3	1	O	9.00	6.00	CLASS 4	40	152	67	17.31	0.44			

813	PRATHIKSHA	12	F	8	G	36	MS	US	34	MS	US	C	P	2	5	UH	4	1	I	11.00	6.45	CLASS 4	44	154	72	18.55	0.47		OBESE	
814	POORVIKA	12	F	8	G	60	IL	US	52	IL	US	B	P	2	5	UH	2	1	O	9.00	6.00	CLASS 4	42	155	64	17.48	0.41			
815	KEERTHANA	12	F	8	G	34	MS	S	33	PHS	S	C	P	1	4	UH	2	1	O	8.30	6.00	CLASS 3	45	156	70	18.49	0.45			
816	MADHUMITHA	12	F	8	G	40	MS	S	38	MS	UE	B	P	2	5	UH	2	1	O	9.30	6.00	CLASS 3	47	155	69	19.56	0.45			
817	MANJULA	12	F	8	G	38	PHS	S	37	PHS	S	C	P	1	5	UH	3	1	I	11.00	6.30	CLASS 3	48	146	74	22.52	0.51		OBESE	OBESE
818	NADHIYA	12	F	8	G	40	PHS	S	38	MS	S	C	P	1	4	UH	1	1	I	9.30	5.30	CLASS 3	32	141	58	16.10	0.41			
819	AMURTHAVARSHINI	12	F	8	P	38	HS	F	36	PHS	UE	F	P	0	3	UH	3	2	I	9.30	6.30	CLASS 2	60	153	76	25.63	0.50	OBESE	OBESE	OBESE
820	MONIKA	12	F	8	P	41	PHS	F	37	PHS	UE	E	P	1	4	UH	2	2	I	10.30	6.00	CLASS 2	46	153	72	19.65	0.47		OBESE	
821	SREEDEVI	12	F	8	P	40	D	F	35	D	UE	F	P	1	4	UH	0	0	I	10.30	4.00	CLASS 2	38	146	65	17.83	0.45			
822	HEMALATHA	12	F	8	P	48	HS	S	43	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	47	154	70	19.82	0.45			
823	SANDHYA	12	F	8	P	37	D	F	35	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	35	141	61	17.60	0.43			
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825	SREEJA	12	F	8	P	45	HS	P	42	D	UE	F	P	0	3	UH	6	2	I	11.00	7.00	CLASS 2	58	155	79	24.14	0.51	OBESE	OBESE	OBESE
826	SASHMITHA	12	F	8	P	38	D	F	36	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	47	154	68	19.82	0.44			
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A Dissertation on

STUDY OF PREVALENCE OF OBESITY IN 11 – 15 YEARS OF SCHOOL GOING CHILDREN

Dissertation submitted

In Partial Fulfillment of regulation for the award of

M.D. Degree in Pediatric Medicine

Branch - VII

COIMBATORE MEDICAL COLLEGE

COIMBATORE, April 2016

DECLARATION

I Declare that this dissertation entitled "**The Prevalence of Obesity in 11 – 15 Years of School Going Children**" has been conducted by me in Schools in Coimbatore District under the guidance and supervision of my guide Dr.V.Suganthi, M.D., DCH. It is submitted in part of fulfillment of the award of the degree of MD Pediatrics for the April 2016 examination to be held under The Tamilnadu Dr.M.G.R Medical University, Chennai. This has not been submitted previously by me for the award of any degree or diploma from any other university.

DATE :

PLACE:

DR.A.ARUNTHATHI

CERTIFICATE

Certified that this dissertation entitled " **Study Of Prevalence Of Obesity In 11 – 15 Years Of School Going Children"** is a bonafide work done by **Dr. A.Arunthathi M.D.,** Post graduate student of Pediatric Medicine, Coimbatore Medical College & Hospital, Coimbatore – 641018 during the academic year 2013 – 2016.

Date :

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ETHICS COMMITTEE

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Course : MD PAEDIATRICS

Period of Study : 2013 - 2016

College : COIMBATORE MEDICAL COLLEGE

Dissertation Topic : STUDY OF PREVALENCE OF OBESITY IN 11-15 YEARS OF SCHOOL GOING CHILDREN

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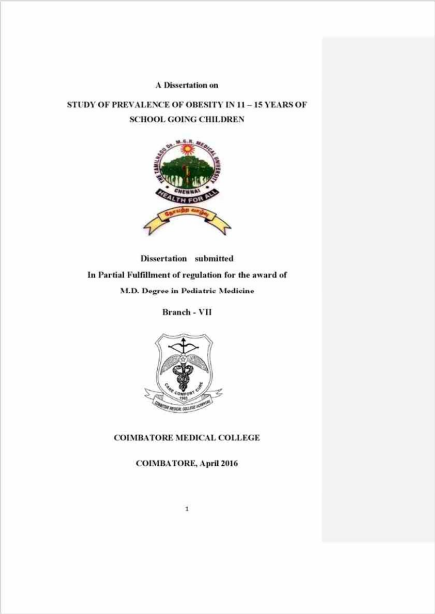

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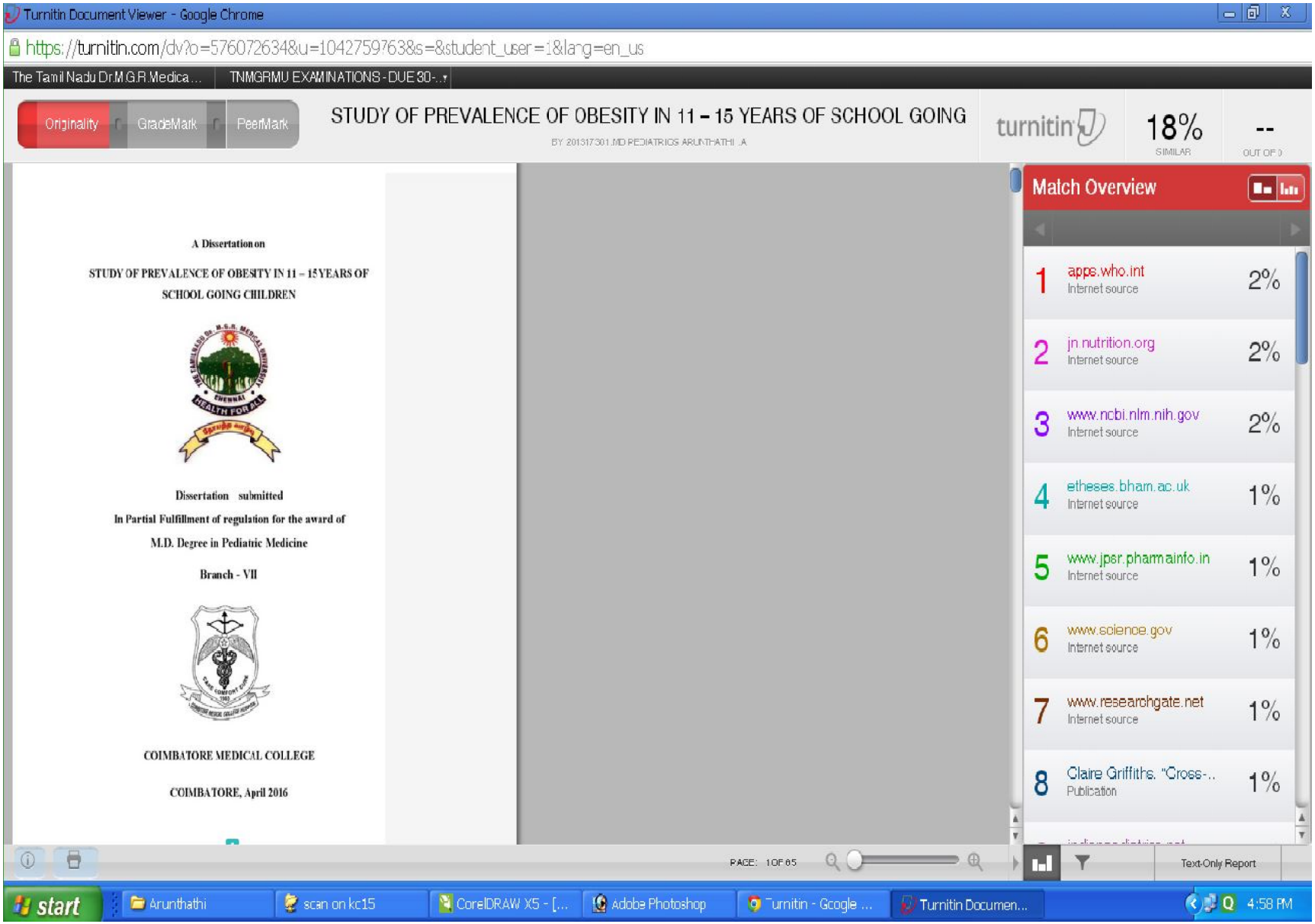
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DR. ARUNTHATHI

ABBREVIATION

WC	-	Waist Circumference
BMI	-	Body Mass Index
WHR	-	Waist Height Ratio
US	-	United State
UK	-	United Kingdom
NCD	-	Non Communicable Disease
NAFLD	-	Non Alcoholic Fatty Liver Disease
IOTF	-	International Obesity Task Force
WHO	-	World Health Organisation
CDC	-	Centre for disease control and prevention
CVD	-	Cardio Vascular Disease
SES	-	Socio Economic Status
NCHS	-	National Centre for Health Statistics

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INTRODUCTION

Childhood obesity is emerging as a serious public health problem of the 21st century[1]. Hence there is widespread concern in the increase of overweight and obesity especially in children in developed and developing countries as it is considered to be one of the precursors of adverse health effects occurring in adulthood. In both developed and developing countries the prevalence of obesity is increasing and hence has become a major health issue. In both US and UK, the prevalence of obesity in children has increased significantly to about 16 – 20% [2.]. Until the 1980s, the developing countries were with the lowest rates, but now it has gradually increased in children.

Data for both overweight and obesity prevalence among children in many countries in South Asia is available: 25.0% among children from 2 to 15 years in Bangladesh and 22.0% among children from 5 to 19 years in India. Moreover, secular trends indicate increasing prevalence rates in these countries: for example, 9.8 to 11.7% among children from 5 to 19 years in India during 2006–2009[3, 4,5]. In recent times, developing countries have also reported an increasing incidence of obesity.

Various studies have documented the prevalence of obesity in both children and adolescents to be 12 – 29% in different parts of India [6,7]. Recently, Kumar et al. in a study on preschool children from urban south

India have reported that 4.5% of the children were overweight while 1.4% of them were obese[8]. However, most of these studies are region-specific and have a smaller sample size. To investigate the trend in obesity in Indian children, it is necessary to assess a large sample representing different regions of India.

There is a great need for studying obesity in Indians because of the fact that there is an increase in type2 diabetes and coronary heart disease in Indian adults, especially in urban areas[9]. This epidemic has been attributed to a thrifty genotype which had helped survival in the past when there was scarce and irregular food supply, and has now led to obesity and insulin resistance in modern days where there is excess and regular food supply [10]. Recent studies have shown that Indians for a given BMI have a higher percentage of body fat when compared with other white Caucasians, Americans, and African Indians and in addition also have lower muscle mass [11]. Thus the risk of adult morbidity especially cardiovascular and mortality that might follow childhood-onset obesity is considerably high and is of great significance to public health. So it is important that policy makers are aware and have information about the prevalence and trend of obesity.

Childhood obesity is thus a serious medical condition that affects children and adolescents. It occurs when children are well above the normal weight and height for his or her age. It is particularly troubling because the

extra kilograms gained lead to health problems in children that were once confined to adults, such as diabetes, high blood pressure, psychological issues and high cholesterol. It can also lead to poor self-esteem and even depression[12]. One of the best ways to reduce obesity in children is to improve the diet and exercise habits of the entire family. Thus Treating and preventing obesity in children, protect the health of them now and also in the future[13].

Obesity is now emerging as a common nutritional disorder, particularly among the affluent, worldwide. Obesity may be described as a condition which is characterised by excessive fat deposition in the body. It usually results when food is consumed in excess of one's physiological needs[14].

Obesity in general is defined as the presence of excessive adipose tissue in the body to such an extent that it may lead to health hazards (Prenticeet al.2001;Rossner 2002). It is not a single disease but a heterogeneous group of conditions associated with multiple causes. Thus body weight is determined by interactions between genetic environmental, psychological factors which act through physiological mediators of energy intake and energy expenditure. Even in India, malnutrition had attracted the focus of health workers because childhood obesity in children is increasingly being observed due to the changing lifestyle of the families who have an increased purchasing power, increasing hours of inactivity because addiction

to television, computer and videogames which have replaced outdoor games and other available social activities (Singh and Sharma 2005)

Globally, it is estimated than 10 percent of school children of 5-17 are overweight/obese (Childhood Obesity-the Global Picture 2006). The prevalence of obesity in children has increased over the past few decades and its statistics are alarming. The prevalence and etiology behind childhood obesity may vary according to an individual's lifestyle and socio-economic status. Most of the reports with regards to childhood obesity are from studies conducted at metropolitan cities in India[15].

In this study, obesity in 11-15 years of school children in Coimbatore district is estimated using BMI, WC and WHR. By estimating obesity through waist circumference, central obesity which is a well known risk factor for cardiovascular disease in adults is identified. The risk factors which are associated with increase of obesity is also studied. In this study the prevalence of obesity in Coimbatore when compared with other cities and prevalence of obesity in males, females, private and government schools, and other associated risk factors is studied.

AIM OF THE STUDY

To estimate the prevalence of obesity using Body mass index, waist circumference and waist height ratio of urban school children in the age group of 11 –15 years.

OBJECTIVE

PRIMARY OBJECTIVE

To estimate the prevalence of obesity in 11-15yrs of urban school children using body mass index, waist circumference and waist height ratio.

SECONDARY OBJECTIVE

To identify the risk factors for developing obesity

To compare BMI, waist circumference and waist height ratio in estimating the prevalence of obesity

REVIEW OF LITERATURE

DEFINING CHILDHOOD OBESITY

Obesity is defined as excess adipose tissue in the body. Giving specific definition for obesity is difficult.[16.] According to IAP growth chart committee, BMI charts which are presented are based on methods used by IOTF[17]. The 23 and 27 cut offlines equivalent of adult overweight and obesity are much more appropriate for using in Asian children as Asians are predisposed to have more adiposity and also have increased risk for developing cardio metabolic problems at a lower BMI [18].

According to a study done in urban South Indian children aged 3-16 yrs by St.Johns National Academy Of Health Sciences, the 75th percentile of waist circumference is recommended to be used as an "action point" for Indian children to identify obesity until a large scale percentile data is available in India[19].

For the WHT ratio, the cut-off of 0.5 is recommended to identify obesity[20]. BMI is agreed to be used as a reliable indicator which correlates well with body fat estimation.

BMI : ESTIMATION IN CHILDREN

The use of BMI for defining overweight and obesity in children is more challenging than in adults as there is variation of BMI with age and sex[21], and its relationship to body fat is also unclear.

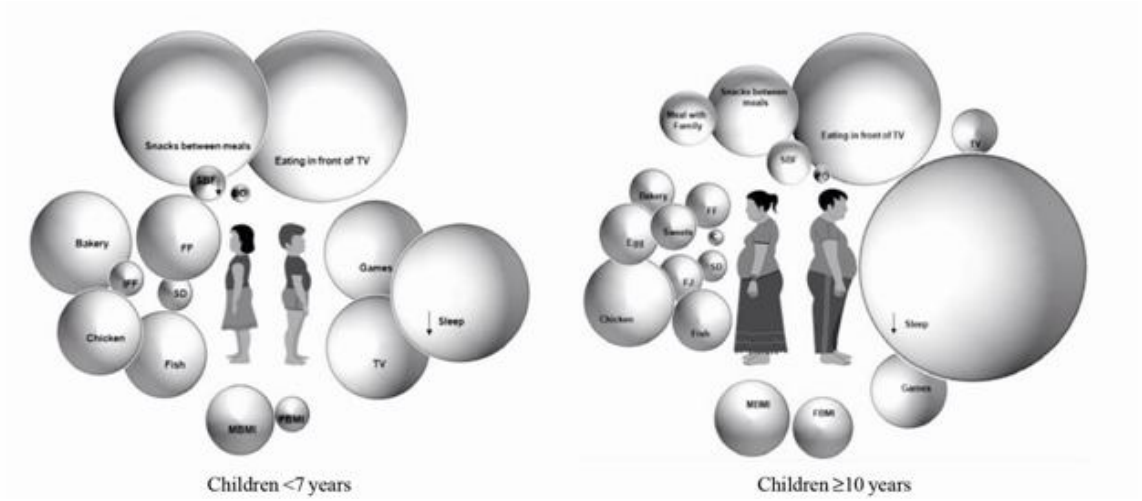
$$\text{BMI} = \frac{\text{WEIGHT IN KG}}{\text{HEIGHT IN M}^2}$$

It has also been suggested that the contributions of body fat and also fat free mass to BMI has changed over time, especially in children, thus resulting in an underestimation of the prevalence of obesity in epidemiological studies using only BMI[22,23.] Added to this, the association of BMI with later morbidity and mortality is also less clear in children when compared to adults in that there is no particular threshold of BMI above which children can be predicted to have an increased risk [24].

WAIST CIRCUMFERENCE IN CHILDREN:

To overcome the disadvantages of BMI, waist circumference can be used for estimation of obesity. WC correlates better with visceral adiposity in kids though it sometime increases because of subcutaneous fat deposition. There are many studies which show that waist circumference is a good predictor for CVD risk and other complications[25].

Figure : 1 Factors related to increasing waist circumference



WAIST HEIGHT RATIO IN CHILDREN:

WHR is also associated significantly for identifying obesity [26,27]. Some studies done in European and Asian children found the waist-to-height ratio to be superior to BMI in predicting the cardiovascular risks [28].

$$\text{WHR} = \frac{\text{WAIST CIRCUMFERENCE IN CM}}{\text{HEIGHT IN CM}}$$

Both the height and waist circumference increase continually in children as they age, the value of 0.50 was suggested to be an appropriate cut-off point for all age groups of children [29]. WHR is considered to be more sensitive than WC in different populations as it adjusts to different statures [96] and also because of the negative correlation of height and its association to certain metabolic risk factors [30]. The health risks for Asian children begin to increase even for smaller amounts of central fat and smaller waist

circumferences when compared with their European counterparts [31]. This explains the reason why there is a decrease in the WHR cut off used for Indian children.

The anthropometric indices which predict central obesity include WC, WHR and WAIST HIP RATIO. There are many studies which show these are associated with CVS and other metabolic diseases in children. In India measurement of waist circumference is not commonly practiced. Most of the studies based on central obesity and its indices and percentiles have been done in developed countries like Europe and US[32-35]. In Asia, especially in the Middle East and South East children WC percentile has been studied[36-38.] But in India especially in this part of the country data on this is scarce .This study estimates obesity in Coimbatore by using parameters like WC and WHR which predicts abdominal obesity when compared with BMI.

They are simple alternative measure and pediatric primary care practicians and use it for assessing central obesity[39].

CHILDHOOD OBESITY PREVALENCE:

THE GLOBAL PREVALENCE

The prevalence of obesity estimated across the world has increased in the last three decades and is now being recognized as a global threat to health[40,41,42] There could even be an underestimation because the availability and the

quality of prevalence estimates vary[43]. The prevalence of obesity in children is increasing rapidly worldwide[44]. We know that obesity is associated with several risk factors for later development of heart disease and other chronic diseases like hyperlipidaemia, hypertension, hyperinsulinaemia and early atherosclerosis[45,46]. The above said risk factors may operate through an association between child and development adult obesity and they may also act independently[47]. Worldwide, obesity trends are considered to be a serious public health concern because in many countries it is threatening the viability of the basic health care delivery system. Obesity is also an independent risk factor for the development of cardiovascular diseases and significantly increases both the risk of morbidity and mortality[48]. In the last two decades we have witnessed an increase in health care costs because of obesity and its related issues in both children and adolescents.

This has emerged as a global phenomenon which affects all socio-economic groups, irrespective of age, sex or ethnicity. Childhood obesity has thus become a serious public health challenge now and in the near future. Thus the prevalence of obesity is an upcoming major public health problem. Until the 1980s, the developing countries were with the lowest rates, but since then overweight and obesity prevalence have gradually increased in children. The global prevalence of overweight and obesity in children aged 5-17 years is 10% and this global average covers a wide range

of prevalence levels in different regions and countries with above 30% in America and below 2% in Sub Saharan Africa[49,50]. Further, projections in the year 2010 for estimated prevalence of overweight and obesity in school age children (aged 5-17 years) are at 46% in America and below 5% in Africa. For children between 5-17 years in this regional prevalence data on overweight and obesity are currently unavailable [51]. However, data for both overweight and obesity prevalence among children in different South Asia countries are available: 25.0% among children from 2 to 15 years in Bangladesh and 22.0% among children from 5 to 19 years in India. Moreover, secular trends indicate increasing prevalence rates in these countries: for example, 9.8 to 11.7% among children from 5 to 19 years in India during 2006–2009 [52]. In recent years, the increase in obesity has led this to become one of the major issues affecting the Indian health system.

Figure :2 Past and projected future overweight rates

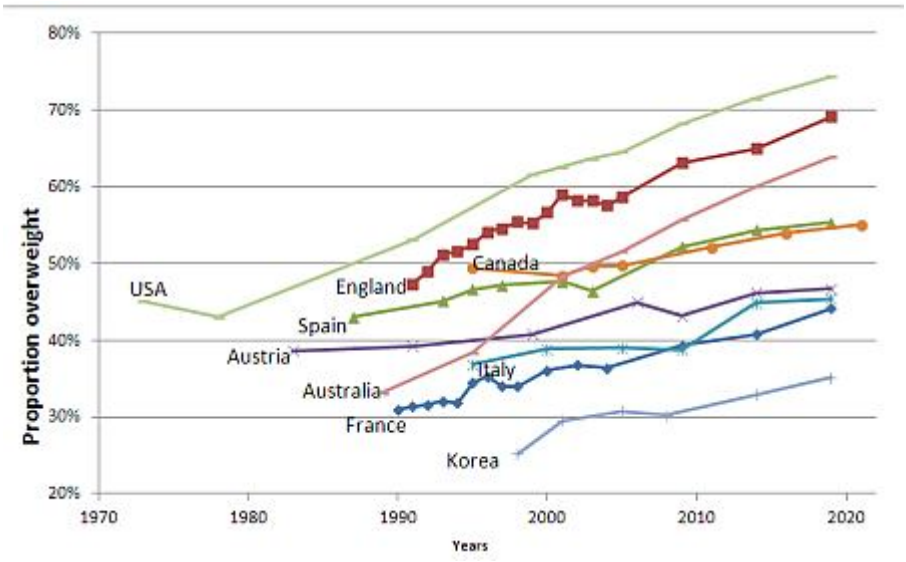
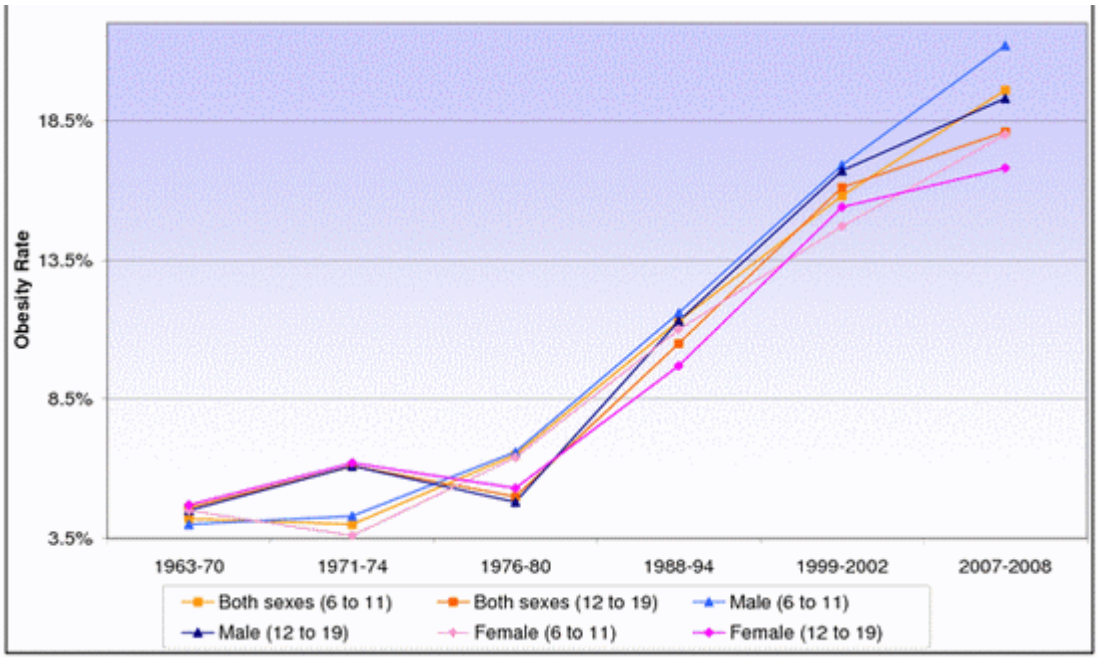


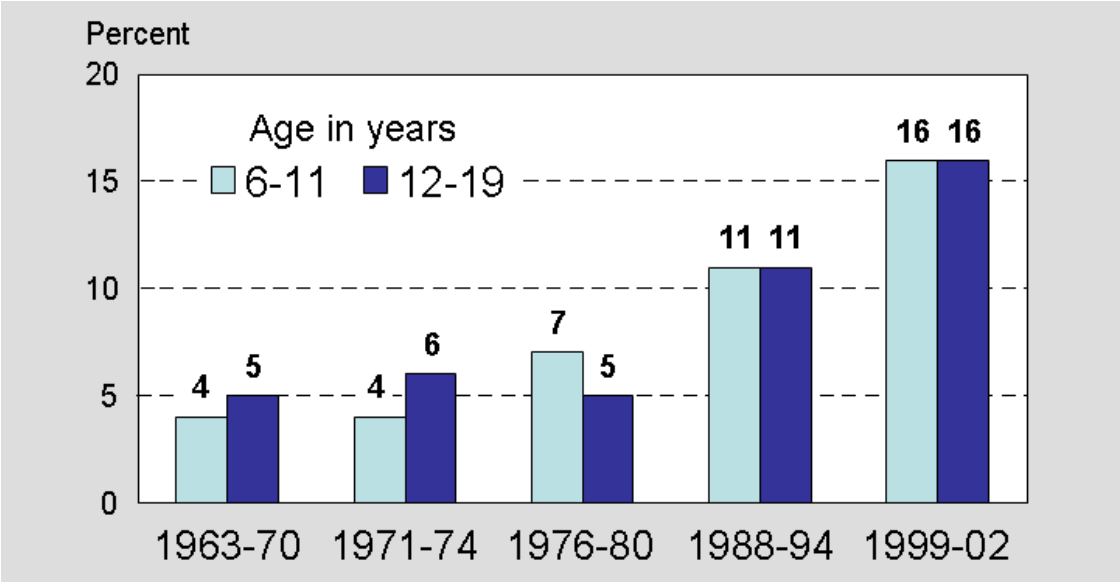
Figure : 3 Child Obesity Statistics



PREVALENCE IN INDIA:

Various studies have documented the prevalence of obesity in children and also in adolescents to be 12 – 29% from different parts of India [53,54]. Recently, Kumar et al. in a study on preschool children from urban south India have reported that 4.5% of children were overweight while 1.4% of children were obese.

Figure :4 Prevalence of Overweight among 6-19 Years



OBESITY IN CHILDREN AND SOCIO-ECONOMIC STATUS:

The relationship between obesity and socio-economic status (SES) rises across different population and is not consistent. In the developing world the increase in obesity in children is associated with increase in income and food availability and also when there is decrease income leading to unhealthy food practices and this shows a complex relationship between obesity and SES[55].

TRACKING OBESITY IN CHILDREN INTO ADULTHOOD:

Taken overall, the evidence based on research suggests that childhood obesity, which is established before adolescence, is a strong risk factor for development of adult obesity[56]. Hence we can logically conclude that preventing the development of obesity in childhood is essential and will have

a knock-on effect of reducing the risk of obesity in adulthood and obesity related other health consequences.

CHILDHOOD OBESITY AND ITS HEALTH CONSEQUENCES:

Obesity is associated with physical complications as described below and also psychological consequences[57].

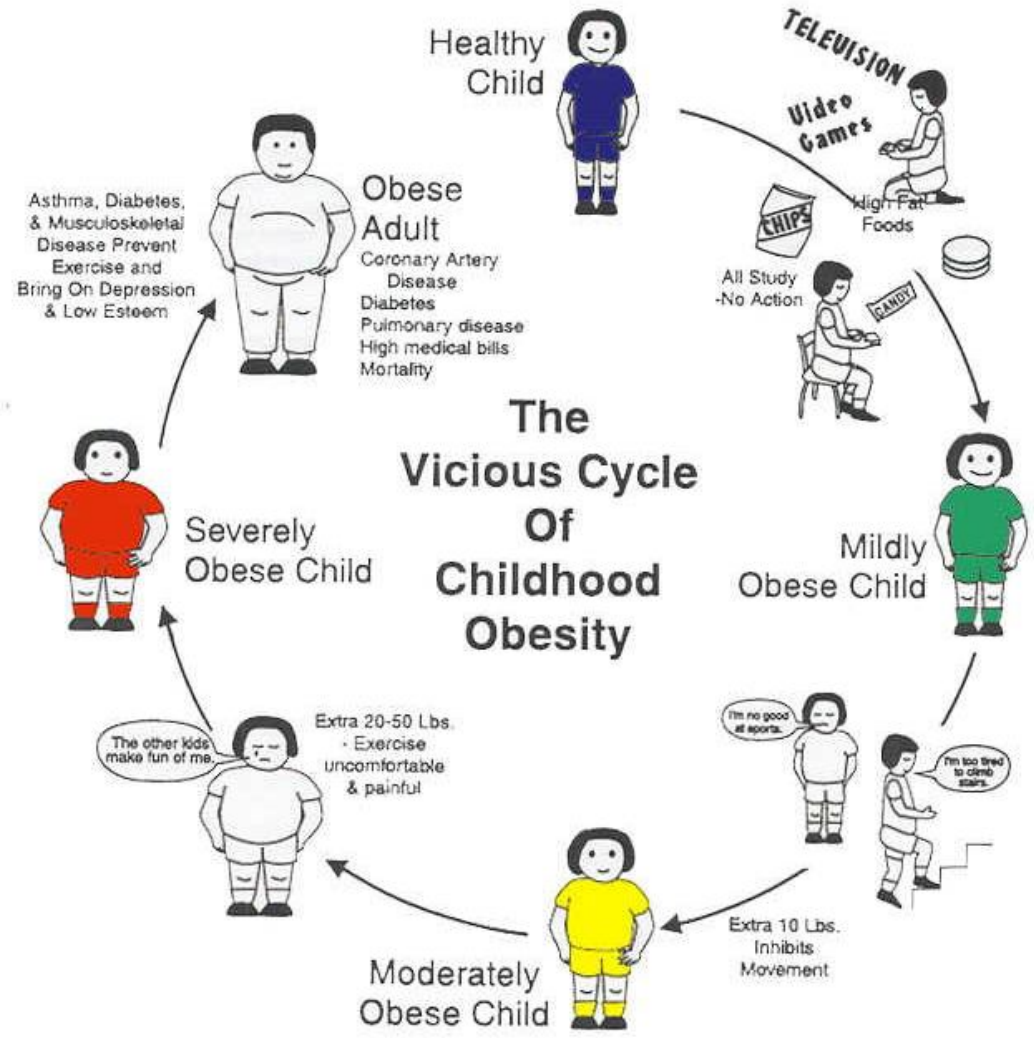
Table - 1 Physical health consequences of childhood overweight and obesity

Organ system	Condition
Cardiovascular	Hypertension Abnormal lipid profiles Atherosclerosis Left ventricular hypertrophy
Endocrine	Insulin resistance/abnormal glucose metabolism Type 2 diabetes Menstrual abnormalities Polycystic ovary syndrome
Gastroenterological	Nonalcoholic fatty liver disease Gastro-oesophageal reflux Gallstone development
Pulmonary	Asthma Sleep-associated breathing disorders
Orthopaedic	Slipped capital femoral epiphysis Genu valgum Tibia vara Flat feet Low back pain Scoliosis Osteoarthritis
Neurological	Idiopathic intracranial hypertension
Dermatological	Acanthosis nigricans

PSYCHO SOCIOLOGICAL STIGMA:

Many studies have found that children negatively stereotype overweight and obesity. Stigma such as criticism by parents, weight related teasing all lead to body dissatisfaction and poor self esteem[58].

Figure : 5 Vicious Cycle of Childhood Obesity



AETIOPATHOGENESIS OF CHILDHOOD OBESITY :

Aetiopathogenesis of obesity is multi-factorial and includes many factors like genetic, environmental, socio-cultural factors, neuroendocrine, metabolic and psychological[59].

There have been important developments and many factors which have evolved in controlling appetite like OrexinA, Ghrelin and other endogenous cannabinoids have been identified[60]. There is also a new concept called non exercise activity thermogeniens which provide us new perspectives on this energy expenditure. While adipose tissue is now being recognized as an important organ, by secreting leptin and other adipokines by which it communicates with brain and other peripheral tissues. Now adiponectin is considered to be a key hormone which is a protein factors released by white adipose tissues. Many cytokines and chemokines have been identified along with other inflammation related proteins as obesity also characterized by mild inflammation.

Leptin, a 16,000 MW cytokine-like protein, is a basic hormonal sign from adipocytes in the regulation of voracity and vitality parity, cooperating with a few hypothalamic orexigenic and anorexigenic pathways[61-64]. Consequently, the neuropeptide Y, melanin-concentrating hormone, orexin A, agouti-related peptide, and cannabinoid frameworks have each been accounted for to be repressed by leptin. Interestingly, the key anorexigenic

frameworks of master opiomelanocortin/ melanocortin, cocaine-and amphetamine-controlled transcript, and corticotrophin-discharging hormone are unregulated by the hormone. These different impacts of leptin result in a capable concealment of nourishment admission. Notwithstanding repressing admission, leptin assumes a part in the regulation of vitality use; a powerful illustration of this originates from overfeeding studies on typical and ob/ob mice. In one study, incline mice sustained a "cafeteria diet" gorged by 70% in vitality terms with no extra vitality affidavit; this is a capable outline of the quite faced off regarding marvel of eating regimen affected thermogenesis. Fortunately, in this specific study, the vitality admission of the incline mice bolstered the cafeteria eating regimen was the same as that of ob/ob mice sustained a standard lab diet[65].

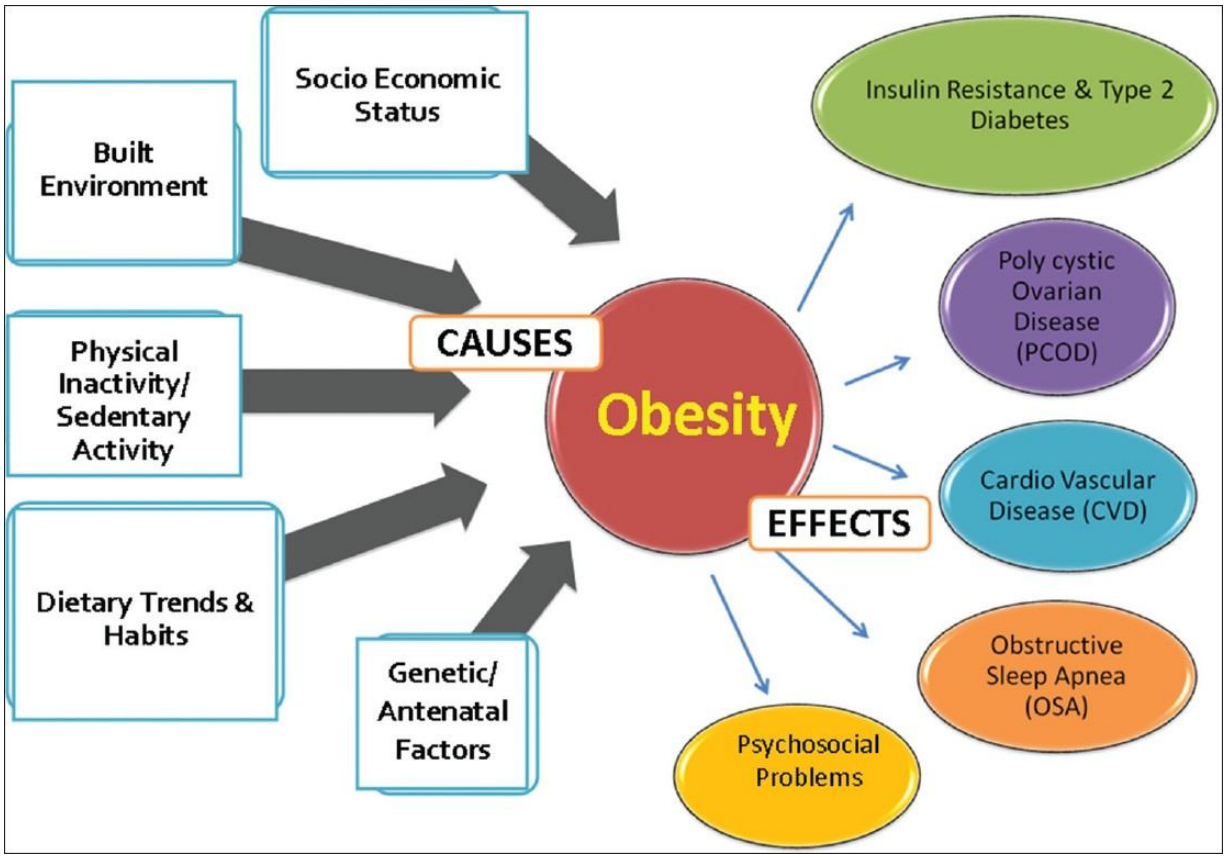
On the other hand, the rate of vitality testimony of the fat was 3 times that of the incline. In this manner, the ob/ob mutants lacking practical leptin had an enormously lessened limit for eating regimen incited thermogenesis. Adipokines, the ID of leptin prompted the acknowledgment that white fat is an imperative endocrine organ. For sure, it is currently obvious that white adipocytes emit a multiplicity of protein flags and variables termed adipokines. The differences of the adipokines are impressive, as far as both protein structure and capacity. The adipokines include established cytokines (e.g., TNF-cx, IL-6), chemokines (e.g., monocyte chemoattractant protein-1

[MCP-1]), proteins of the option complement framework (e.g., adipsin), and proteins included in vascular hemostasis (e.g., plasminogen activator inhibitor-1 [PAI-1]), the regulation of pulse (angiotensinogen), lipid digestion system (e.g., cholesteryl ester exchange protein, ret□inol tying protein), glucose homeostasis (e.g., adiponectin), and angiogenesis (e.g., vascular endothelial development variable [VEGF) typical LDL molecule.. Resistin is another hormone emitted by fat tissue, which brings about insulin resistance and weight related sort 11 diabetes. Leptin, the result of Ob quality has no part in the insulin resistance associated with heftiness. Heftiness does not come about because of a solitary element[66-68].

Social, behavioral and biologic variables control the vitality admission and consumption. Hereditary and hormonal elements add to individual weakness. It has been set up certain that an abdominal area fat conveyance presents a more prominent metabolic and wellbeing danger than a lower muscle to fat ratio dissemination. The part of FFA in the genesis of the metabolic disorder of stoutness has additionally been built up past doubt. Adipose tissue is presently given the status of an organ. It, truth be told, is having significant capacities than already suspected. It mirrors the store sustenance on board and absence of fat tissue is connected with diminished work productivity, menstrual and ripeness issue and psychosocial issues. The number and size of fat tissue increments amid growth and outset. This

proceeds in adolescence at a moderate pace. In adulthood, in many people, the fat tissue is generally stable. It is to be noted that fat tissue is likewise given the status of an endocrine organ. It secretes a 16 kD protein called leptin in extent to the size and number of fat cells. The OB quality encodes this protein. It courses bound to tying proteins and crosses the blood-cerebrum hindrance. It appends to OB receptors in the hypothalamus and choroids plexus and sends various signals that outcome in hunger regulation, nourishing conduct and upkeep of body weight. It additionally impacts quality expression and emission of neuropeptide Y (NPY). NPY is an intense stimulator of sustaining [69-70].

Figure : 6 Obesity Causes and Effects



BIOLOGICAL CAUSES:

A few percentage is said to be from identifiable causes such as hormonal, syndromic, neurological, or single gene defect conditions[71]. Apart from this some children display a genetic predisposition to obesity, which has been studied in few twins[72].

ENVIRONMENTAL CAUSES:

There is an indirect association between the environmental influence and the risk of developing obesity. Obesity rates are high in urban areas, because of the change in lifestyle such as deserved physical activity and increased consumption of food which is energy dense [73,74.] There also no safe are for children to play outside and the infracture do not support walking. The pressure on children to only study along with the decrease in physical education classes conducted in schools has also lead to an increase in obesity. These factors have become important in terms of public health action and many studies are now focusing on above explained parameters. Some studies have also explained that obesity is increasing in low income group also because they do not provide nutritious meal to children and they do not have access to fresh food[75]

PREVENTION OF OBESITY IN CHILDREN:

Some of the preventive measures adapted are limited consumption of sugar drinks, encouraging diets which are rich in fresh fruits and vegetables, limiting screen viewing time less than 2 hours per day, having a compulsory breakfast, family meal should be encouraged, increase in physical activity[76].

The below are some of the models used for prevention which are actat various levels

Figure : 7 Ecological Model for Health Promotion

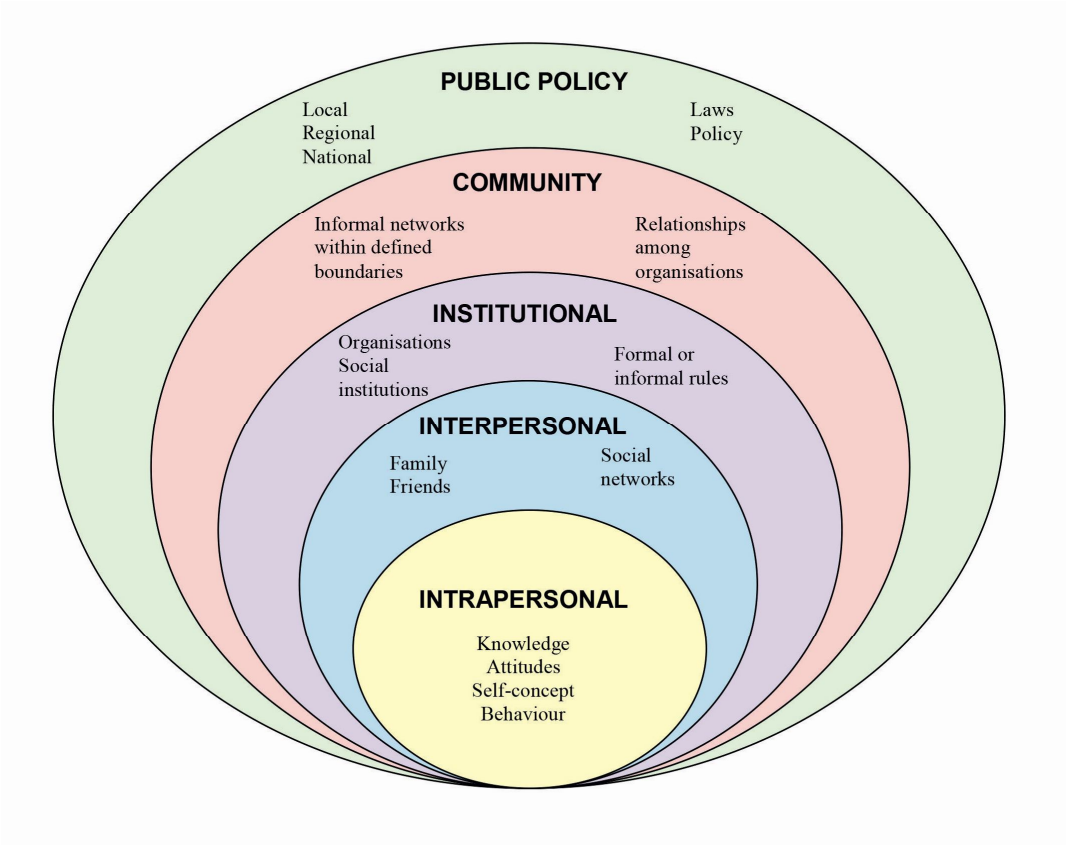
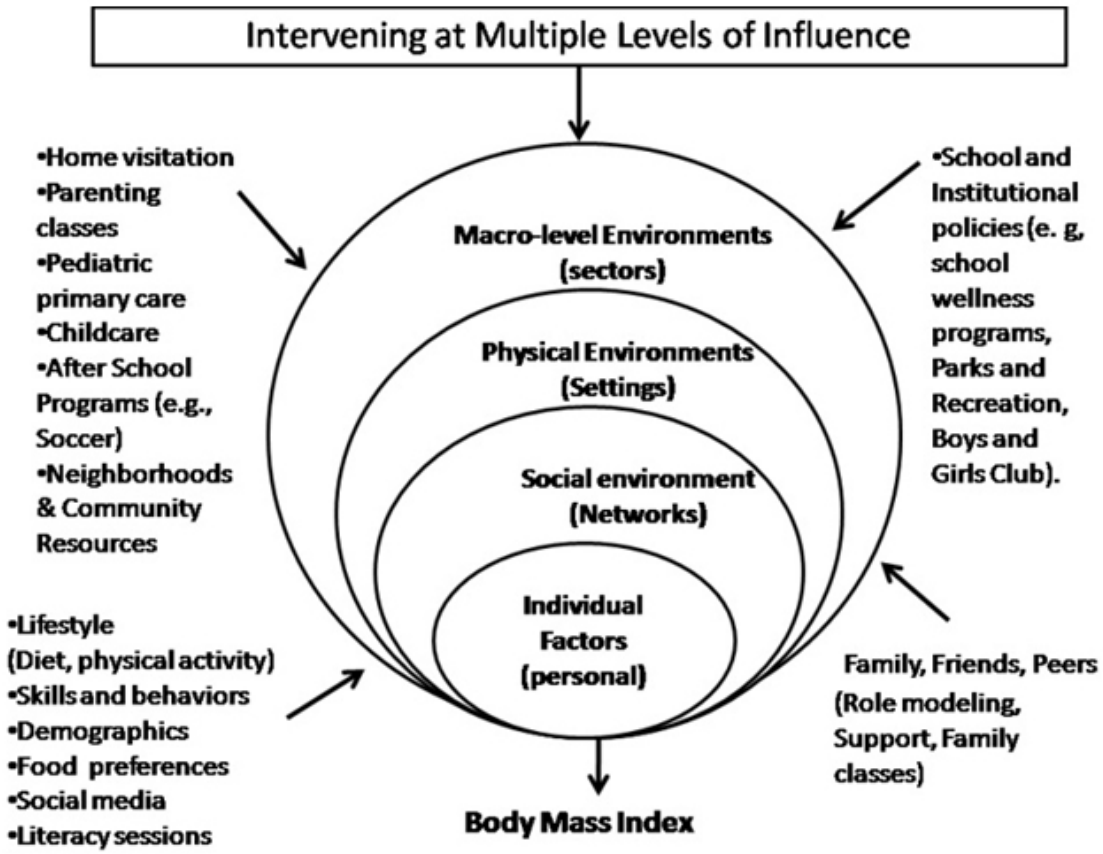


Figure : 8 Intervening at Multiple Levels



STUDIES PERTAINING TO THIS TOPIC

Savva SC, Tornartis M, Savva ME did a study on waist circumference and waist-to-height ratio to be better predictors of cardiovascular disease risk factors in children than body mass index. They stepwise multiple regression analysis for their studies and found that waist circumference was the most significant predictor among all variables for both boys and girls, whereas BMI had the lowest predictive value[77].

In 2006, a Cross-Sectional Comparison of BMI and Waist Circumference in British Children by McCarthy HD[1], Ellis SM, Cole TJ was conducted to compare WC, BMI, and WHR data in three different samples of children to study the prevalence of obesity. In their study, the proportion of children who were classified as overweight had not changed significantly using all the measures; however the children who were classified as obese increased by fourfold. This data provides us a strong case for questioning the current interpretation and the use of BMI and WC and highlights the need for better understanding the relationship between both and the changes associated with growth during childhood and the associated health risk. During the past 10-20 years, trends in WC have greatly exceeded when compared with BMI, particularly in girls, and this shows that BMI is a poor proxy for central fatness. BMI has therefore systematically underestimated the prevalence of obesity in children and adolescents[78].

A cross-sectional study from Madras Diabetes Research Foundation by Sonya Jagadesan, Ranjani Harish was done to estimate obesity in children in Chennai, India, and they observed that the prevalence of overweight/obesity was significantly higher in private schools when compared to government schools and was also higher among girls (IOTF: 18%, Khadilkar: 21.3%) compared to boys (IOTF: 16.2%, Khadilkar: 20.7%) , and higher among adolescents (IOTF: 18.1%, Khadilkar: 21.2%) when compared to children (IOTF: 15.5%, Khadilkar: 20.7%)[79].

A study in London by Wardle obesity at the time of transition from childhood to adolescence, found that overweight/obesity which was estimated by using both BMI and waist circumference) present around age of 11years was highly likely to persist to the age of 15[80].

NEED FOR STUDY

The present prevalence of overweight and obesity in India is 11- 29-%. Obesity has been declared as a global pandemic that constitutes one of the leading future threats to public health. In people of South Asian origin, central obesity alone is a powerful predictor of morbidity and mortality for a number of chronic diseases. Globally, it has been estimated that three out of ten children aged between 2 and 15 are considered to be overweight or obese, as per the latest statistics[81-83]. However this is mainly based on measurement program done by schools which uses Body Mass Index which is plotted on a growth chart where the age is also taken into account. Now experts have said

that this leads to an underestimation of the childhood obesity problem as it does not account where the children carry the extra weight on their body. If WC is used along with BMI, then four out of ten children would become classified as either overweight or obese[84]. Fat around the middle has to be considered as most hazardous to health as it increased the risk for development of type 2 diabetes, which is missed by BMI. So the purpose of this study is to estimate the prevalence of obesity using BMI, waist circumference and waist/ height ratio in assessing the prevalence of obesity. Obesity in children and adolescents is now a major public issue even in developing countries, including India. There is a chance that one-half of these obese school children might become obese adults. Whether or not obesity persists into adulthood, even in childhood obesity, is also associated with an increase in the risk of subsequent morbidity[85]. This shows the Significance of estimating the prevalence of obesity in children which cannot be overemphasized. There are only few studies which report the prevalence of childhood and adolescent obesity and overweight in the different parts of India such as (Punjab, Maharashtra, Delhi and South India) and the percentage range from 3% to 29%, and this indicates in urban areas the prevalence is high when compared to rural areas. Worldwide a controversy is going on regarding childhood obesity. It is more prevalence in India. I have seen many obese children and have wondered about the causes. That is the reason which influenced me to do this research on my statement problem.

MATERIALS AND METHODOLOGY

STUDY DESIGN

This study is a school-based, descriptive, cross-sectional study.

STUDY PERIOD

The study was carried out over a period of twelve months, from July 2014 to July 2015.

ETHICS

The study was approved by the Ethical Committee of Coimbatore Medical College Hospital and informed consent was obtained from Chief Educational Officer (Coimbatore Corporation) and also from the School Principal and participants of the study, for the study purposes.

STUDY POPULATION

The population under study are 11 to 15 years old urban school children in Coimbatore district, Taminadu.

SAMPLE SIZE

The total number of students of 11-15 years of age was obtained from The Chief Educational Officer (Coimbatore Corporation) including government and private schools. The total number of students are 1,15,724 and the average number of students per class is 42,301.

The sample size calculation formula

$n=t^2*p\ (1-p)/m2$

Description

n=required sample size

t=confidence level of 95%

(standard value of 1.96)

p=expected frequency of the factor under study-14.7%

m=margin of error of 2.5%

$n=1.96^2 *0.147(1-0.147)/0.025^2 = 770$

The sample is increased by 10% to account contingencies like non response and recording error.

n+10%=770+10% =848 sample.

Round off - 850 samples.

Government schools - 50%

Private schools - 50%

Study sample - 850

Using the above-mentioned formula, previous studies and in consultation

with the statistician ,the sample size was calculated to be 850 and the sample strata was calculated to be 170 for each age group from 11-15 yrs.

SAMPLING TECHNIQUE

Thus, 850 subjects from Coimbatore district were selected for this study. We adopted a multistage stratified random sampling procedure. Schools were selected based on the list of schools in Coimbatore which was obtained from the District Education Office. By using simple random technique, first six schools were selected. The Probability, proportional to the size sampling technique was used to select the sample from each school. Both government & private schools were included & the ratio was 1:1 in accordance with distribution of schools in Coimbatore. On reaching the selected school, the classes were selected randomly from each grade. The Students were then selected from each class by again using simple random technique, with help of the students' register, till the desired sample was met. From individual classes from each institution, 50 subjects would be recruited. Students who did not submit the Performa or those whom were notable & who were not cooperative were considered as non-respondent.

INCLUSION CRITERIA

11-15 yrs of urban school children in Coimbatore

EXCLUSION CRITERIA

Students with major dysmorphology or signs of physical deformity

TOOLS AND MATERIALS USED

A Proforma was used and details were collected, which included their involvement in physical activities such as participation in games, sports activities they preferred or predominantly indoor activities. Their screen viewing time which included watching television, playing computer and video games was also noted. Their food habit weather healthy & Unhealthy & eating junk food was taken into consideration. The number of meals consumed while watching television and their sleeping time and morning rising time were noted. The age, educational status, occupation of both parents and their monthly income, family size and the socio-economic status were also taken into consideration. The socio-economic status was assessed based on the Modified Kuppuswamy scale.

For measuring height a portable stadiometer was used.

Weight was measured using portable electronic weighing machine .

Waist circumference was measured using a non stretchable elastic tape.

METHODOLOGY

The study was approved by the Ethical Committee of Coimbatore Medical College Hospital, Coimbatore and informed consent was obtained from Chief Educational Officer (Coimbatore Corporation) and also from the School Principal and participants of the study, for the study purposes.

PROCEDURE

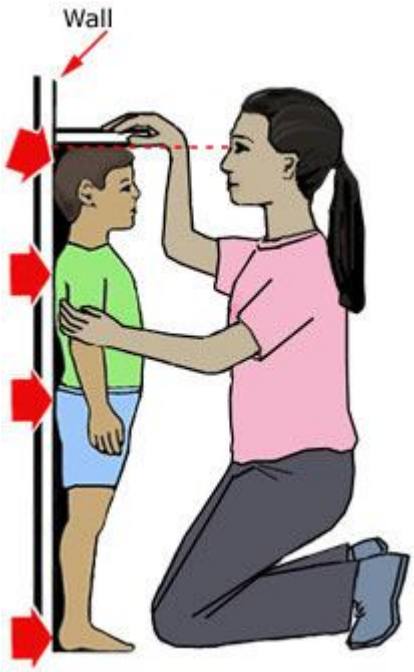
MEASUREMENT OF HEIGHT

Height was measured, standing using a portable stadiometer (range 60 - 207 cm). It was ensured that the stadiometer was on level ground.

Figure : 9 Stadio Meter

The child stood in socks or barefoot on the flat base of the stadiometer, feet slightly apart and the back of the head, the shoulder blades, buttocks and heels touching the vertical rod, and head in the Frankfurt plane. Gentle traction was applied to the mandibular process and the headboard was then lowered. The reading was taken to the last completed mm, avoiding parallax, and two such readings were averaged for analysis.

Figure : 10 Measurement of Height



Thus height was measured as per the WHO child growth standards: training course on child growth assessment, 2008. When assembling the height boards, it was checked that they are assembled correctly by measured rods of known length.

MEASUREMENT OF WEIGHT

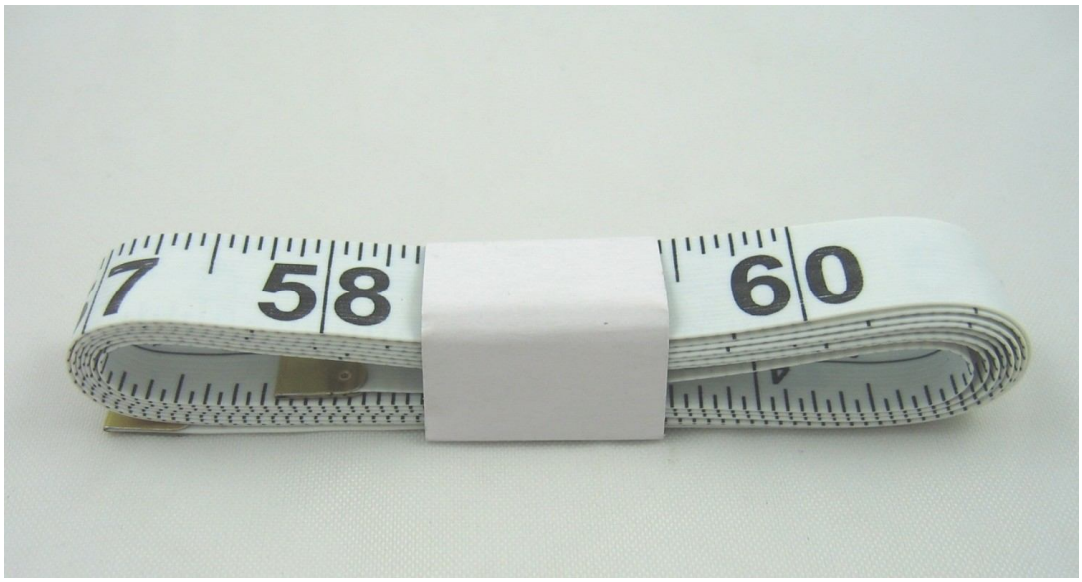
The scale was placed on a flat, hard, even surface. The children were asked to stand in the middle of the scale, feet slightly apart and they were to remain still until the weight appears on the display. Then weight was measured using a portable electronic weighing machine accurate to 100 g. As per the WHO child growth standards: training course on child growth assessment, 2008. The weighing scale was regularly checked with known standard weights of 3, 5, 10 and 20 kg. The accuracy of equipment was checked at the time of purchase and thereafter at least once weekly.

Figure : 11 Weighting Scale

MEASUREMENT OF WAIST CIRCUMFERENCE:

An important issue for both using and for interpreting waist circumference is the protocol used to obtain the measurements. Here we have the protocol as discussed, the anatomical placement of the measuring tape, its tightness and the type of tape used, the subject's posture, phase of respiration and abdominal tension.

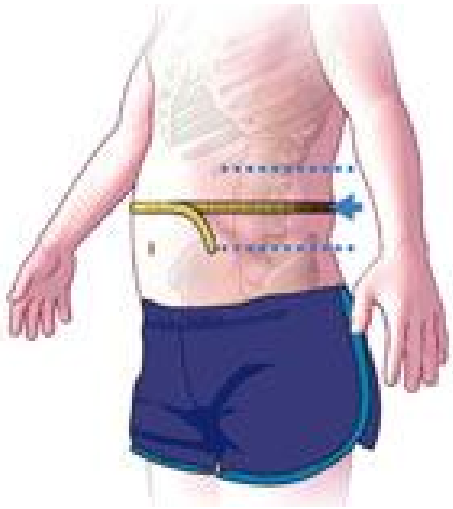
Figure ; 12 Inch Tape



Placement of tape:

The WHO STEPS protocol is used for measuring waist circumference which instructs that the measurement must be made at the approximate midpoint between the lower margin of the last palpable rib and the top of the iliac crest (WHO, 2008b). In this study also the waist circumference has been measured in the same manner. Lower margin of the last palpable rib and the top of the iliac crest.

Figure : 13 Measurement of Waist Circumference



The tightness and type of tape used:

Most importantly the accuracy of waist circumference measurements depends on how tight the tape is used, and its correct positioning. The WHO STEPS protocol states that, for WC measurement of waist, the tape should be kept snug around the body, but in such a way that not pulled so tight which then becomes constricting (WHO, 2008b). It is recommended to use a tape which is stretch resistant.

The posture of students during measurement:

At the time of measurement, the posture in which the subject stands also influences the accuracy of measurement. Thus, the WHO STEPS protocol recommends that the subject should stands with both arms at the sides and feet positioned close together, and weight evenly distributed across the feet (WHO, 2008b).

The phase of respiration at the time of measurement:

This determines the extent of fullness of the lungs and the position of the diaphragm during measurement; which in turn influences the accuracy of the measurement. The WHO STEPS protocol suggests that the waist circumference should be measured at the end of a normal expiration, when the lungs are at their functional residual capacity (WHO, 2008b). In this study, the waist circumference was thus during measured at the end of a normal expiration.

The abdominal tension during measurement:

The tension of the abdominal tension in turn affects the accuracy of the waist circumference measurement. Decreasing the abdominal wall tension increases waist circumference, whereas increasing the tension (by sucking in) reduces waist circumference. Some of the individuals unconsciously react at the time of measurements by sucking in their abdominal wall; hence, a relaxed posture is aimed for taking correct waist measurements. The WHO STEPS protocol recommends that the subject should advice to be relaxed and take few deep breaths before the actual measurement is made, which will minimize the inward pull of the abdominal contents during the waist measurement (WHO, 2008b), which was followed in this study.

Following the above protocol, WC was measured with the students standing with their feet close together and both arms at their sides in a relaxed position, during the end of their normal respiration. The measurements were repeated twice and the difference should be less than 1cm, then the average was confirmed. If it exceeded 1 cm measurements were repeated. The tape was regularly checked and if there was any damage the tape was replaced.

The anthropometric measures we took were the height, weight, and WC and the same protocols were followed for all students, and measurements were taken by the same person.

- BMI was calculated by the formula

$$\text{BMI} = \frac{\text{WEIGHT IN KG}}{\text{HEIGHT IN M}^2}$$

and the student was considered obese if he or she was more than or equal to 27^{th} adult equivalent of IAP BMI chart - Annexure : 7-8

WC was thus measured and the student was considered obese if he or she was more than or equal to 75^{th} Percentile of Smoothed and Weighted Age and Sex Specific Waist Circumference Percentile Values (cm) for Indian Children 3-16 years of age Ref : Annexure : 9

WHR was calculated by the formula

$$\textbf{WHR} = \frac{\textbf{WAIST CIRCUMFERENCE IN CM}}{\textbf{HEIGHT IN CM}}$$

and the student was considered obese if he or she was more than or equal to 0.5 as per the Smoothed And Weighted Age And Sex Specific Waist - Height(Wht) Ratio Percentile Values For Indian Children 3-16 years of age Ref : Annexure : 10

STASTICAL ANALYSIS

The data are reported as the mean +/- SD or the median depending on their distribution. The differences in quantitative variables between the groups were assessed by means of an unpaired T test. The comparison between groups were made by the Non parametric Mann-Whitney test. ANOVA was then used to assess the quantitative variables. A Chi square test was used to assess the difference in categorical variables between groups. ROC curve and Odds ratio were performed. A p value of <0.05 using a two - tailed test was taken as being of significance for all statistical tests. All data were analyzed with a statistical software package.(SPSS, version 16.0 for windows).

RESULTS

The table below shows the number of children involved in the study in the various age groups including gender distribution and distribution in private and government schools

Table : 2 Age Distribution

Age Distribution			
	Gender		
Age	**MALE**	**FEMALE**	**Total**
11	68	106	174
12	75	96	171
13	85	86	171
14	50	122	172
15	61	110	171
Total	339	520	859

Figure : 14 Age Distribution

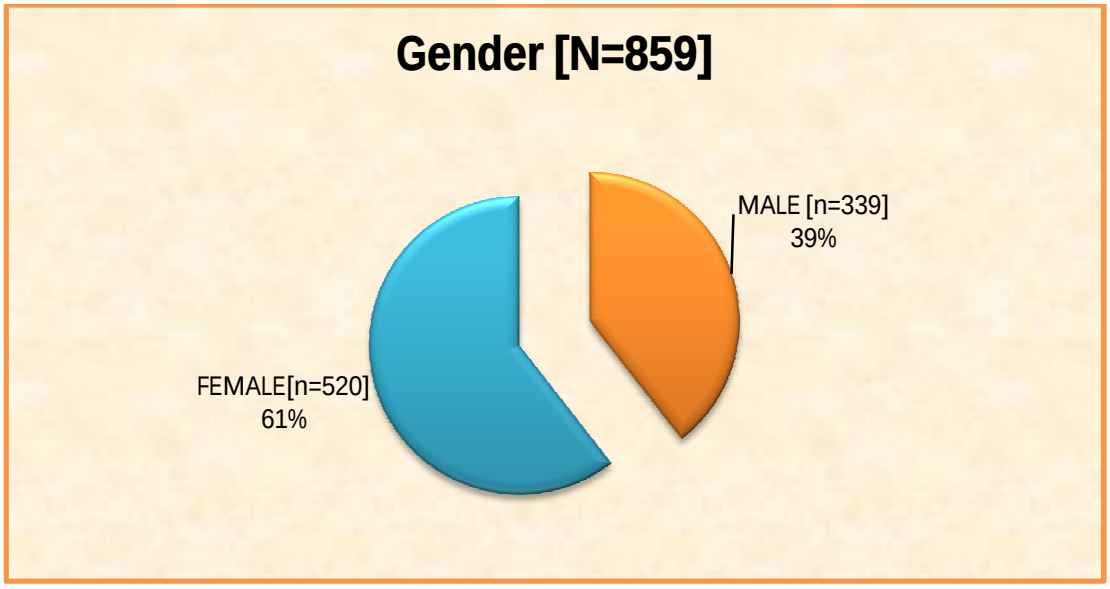
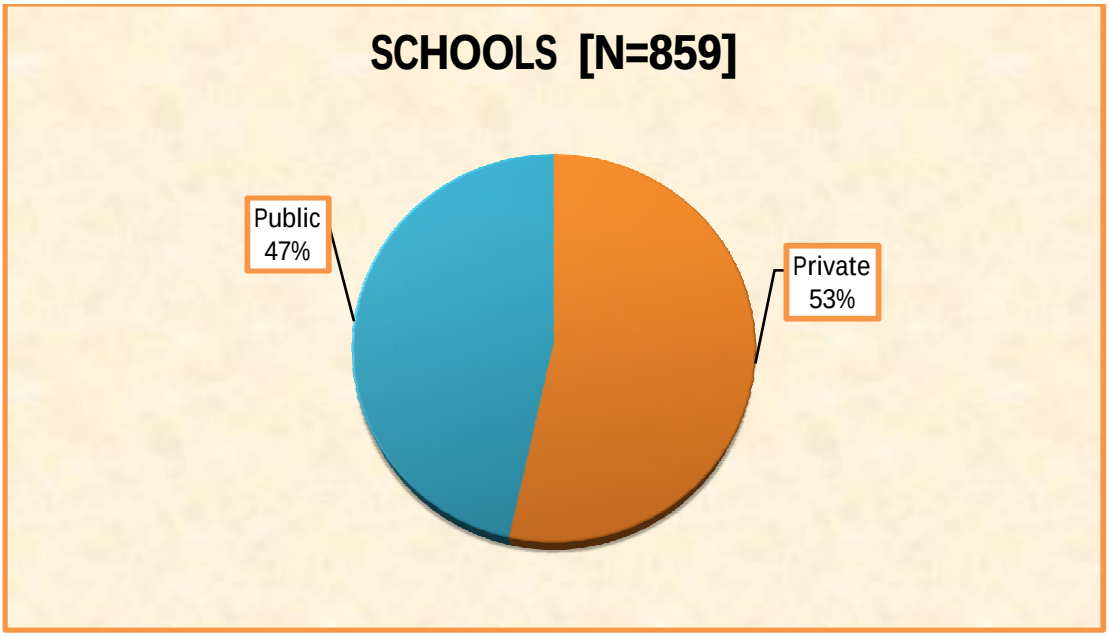


Figure : 15 Schools

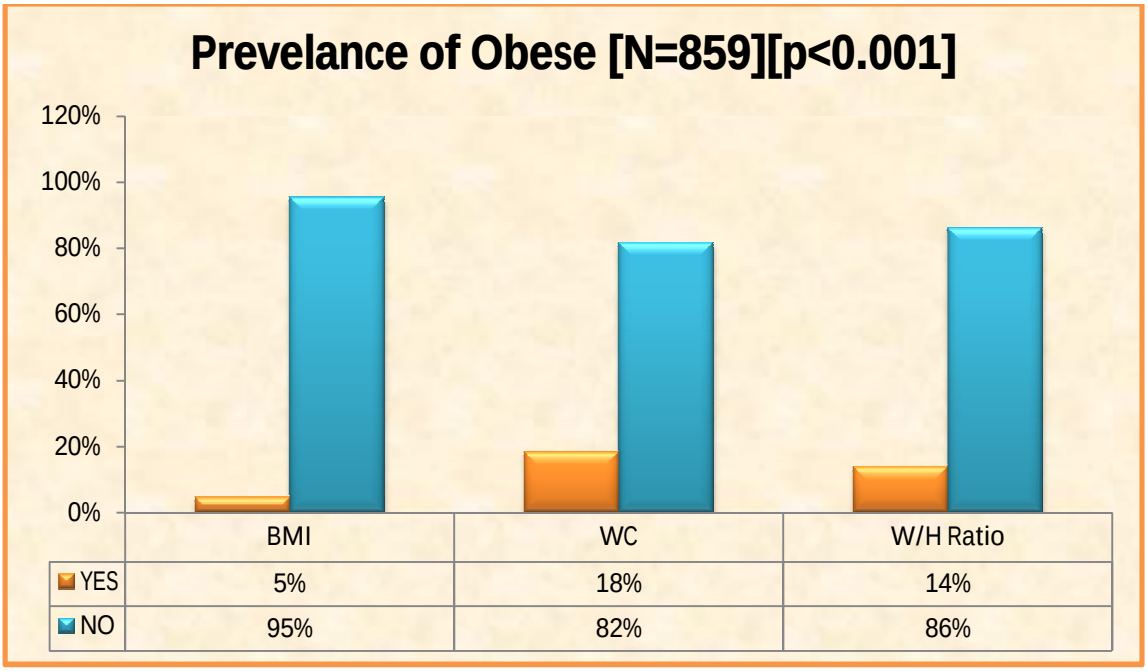


From the study population of 860 children, 859 were included and the prevalence of obesity is as follows. According to BMI - 40 children, 5% are obese; WC - 157 children,18% are obese and WHR-119 children, 14% are obese.

Table : 3 Prevalence of Obesity in the study Population

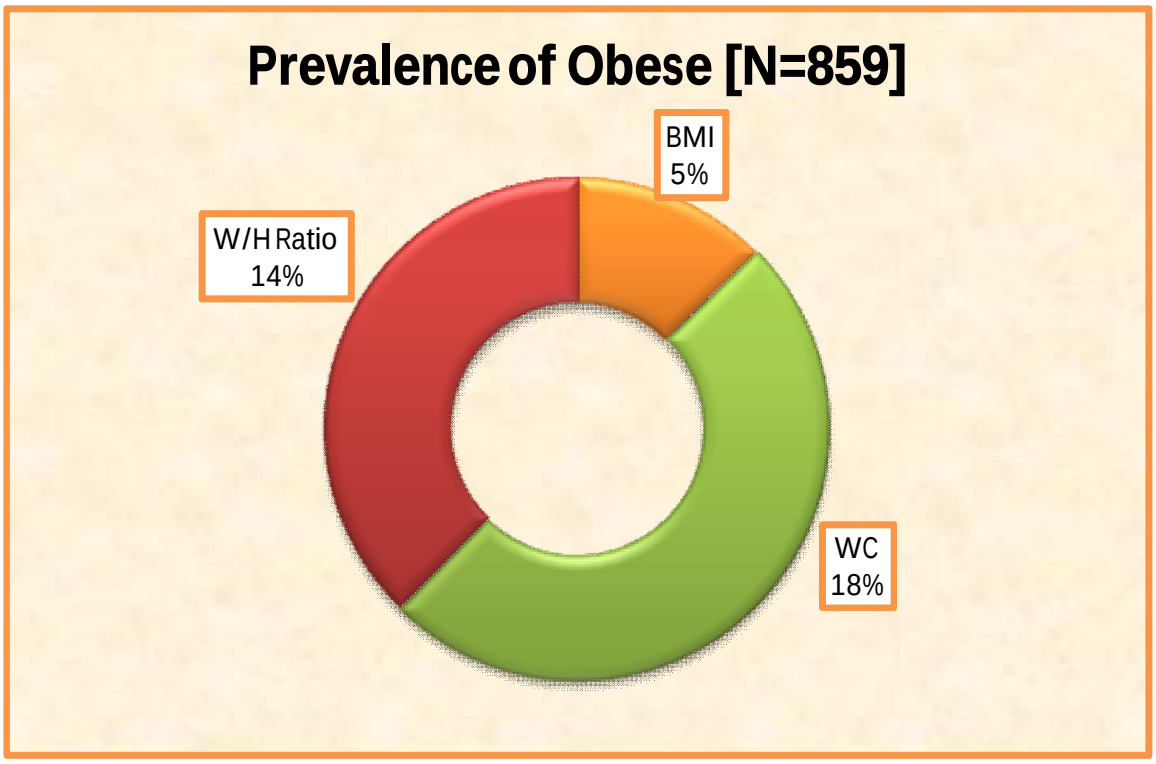
Prevalence of Obesity in the study Population		
	OBESE	
Variables	YES	NO
BMI	40	819
WC	157	702
W/H Ratio	119	740

Figure : 16 Prevalence of Obesity in study population



Much studies have not been conducted using all three parameters for estimation of obesity and hence in this study we could estimate that by using WC for estimating obesity, then the prevalence increases by 13.6% and by using WHR the estimation of obesity increases by 9.2% and by using combined WC and WHR the estimation of obesity increases by 11.4% than BMI which only estimates 5% of obesity. Thus if only a single factor such as BMI is used obesity may be underdiagnosed.

Figure : 17 Prevalence of Obesity



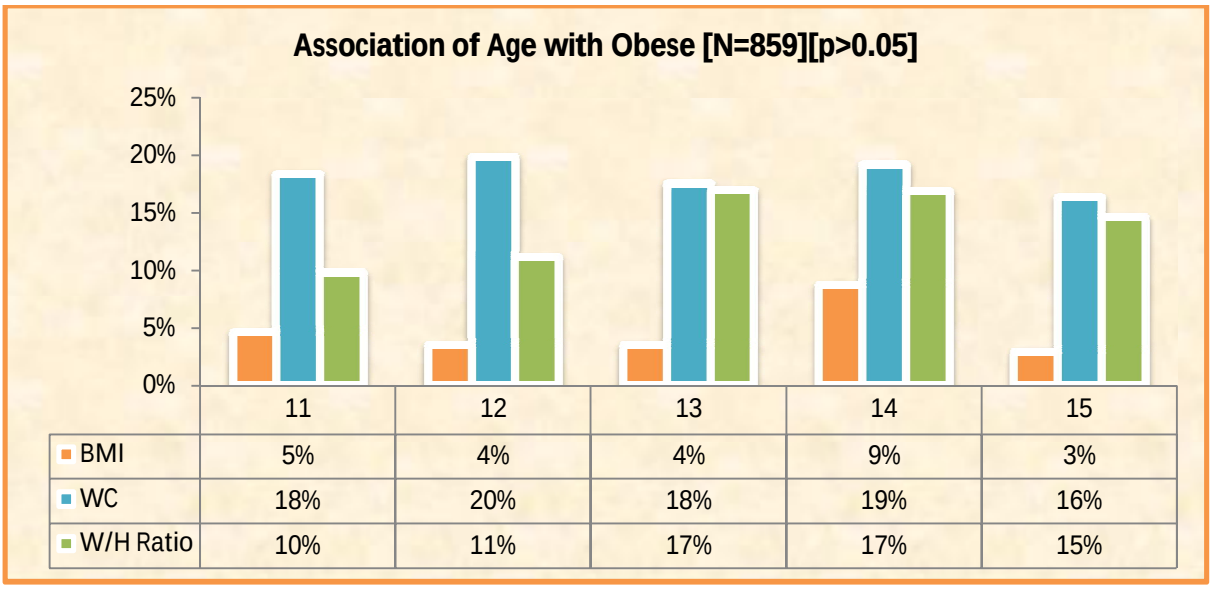
RISK FACTORS FOR OBESITY

In this study various risk factors taken into account are as follows:

AGE AND GENDER OF THE CHILDREN AND OBESITY

The age of children being obese is more in 12 to14 years age group

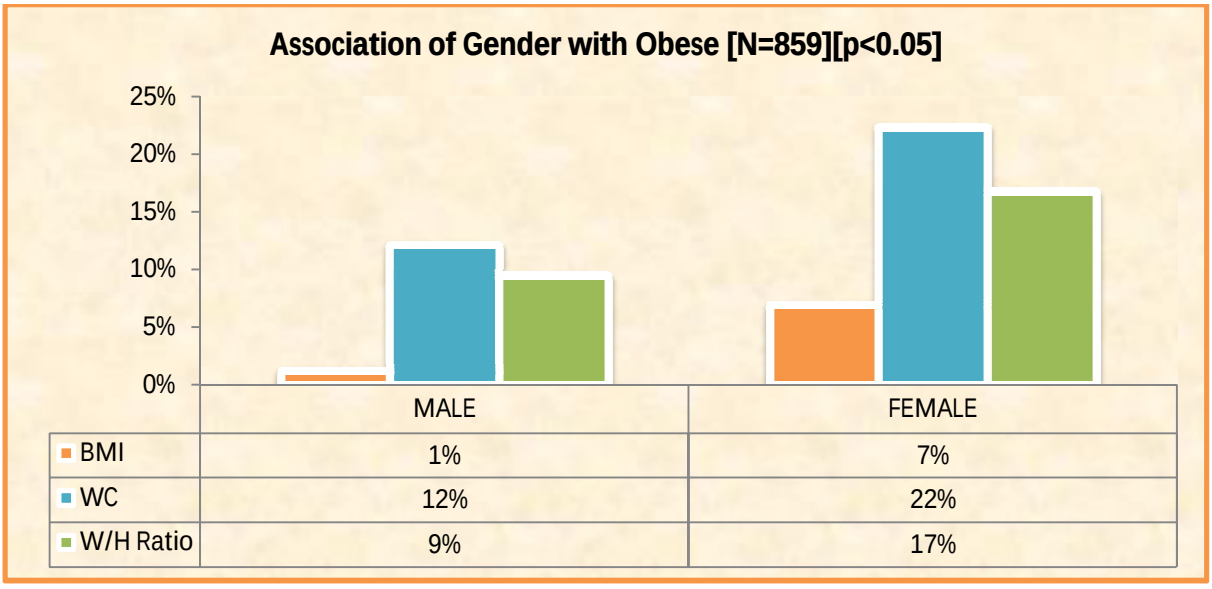
Figure : 18 Association of Age with Obese



	11	12	13	14	15
BMI	5%	4%	4%	9%	3%
WC	18%	20%	18%	19%	16%
W/H Ratio	10%	11%	17%	17%	15%

According to this study, obesity is more in females in all ages

Figure : 19 Association of Gender with Obese



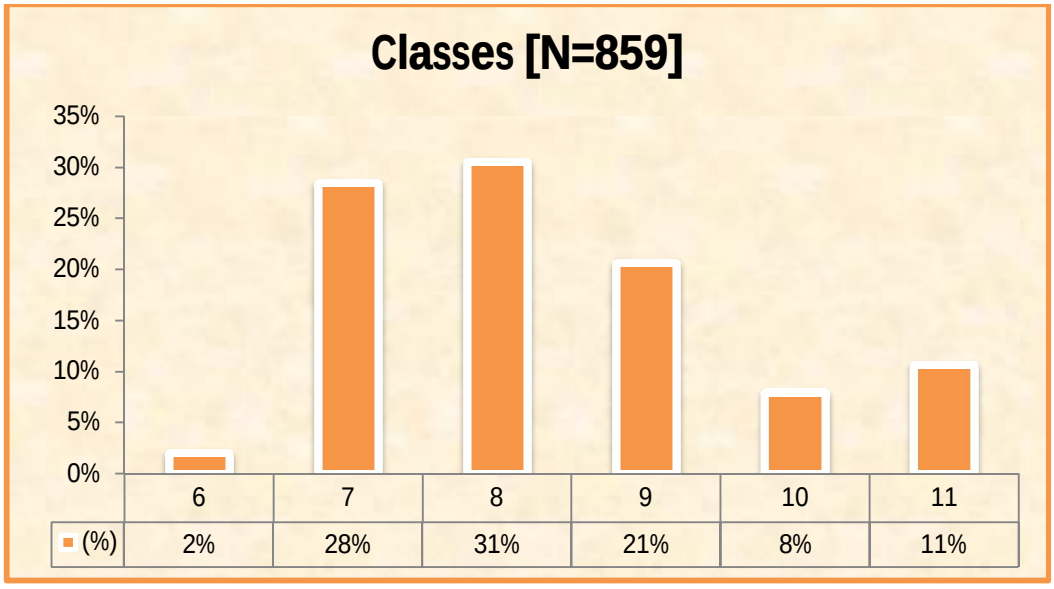
	MALE	FEMALE
BMI	1%	7%
WC	12%	22%
W/H Ratio	9%	17%

GRADE STUDIED WITH OBESITY

Table : 4 Standard Wise

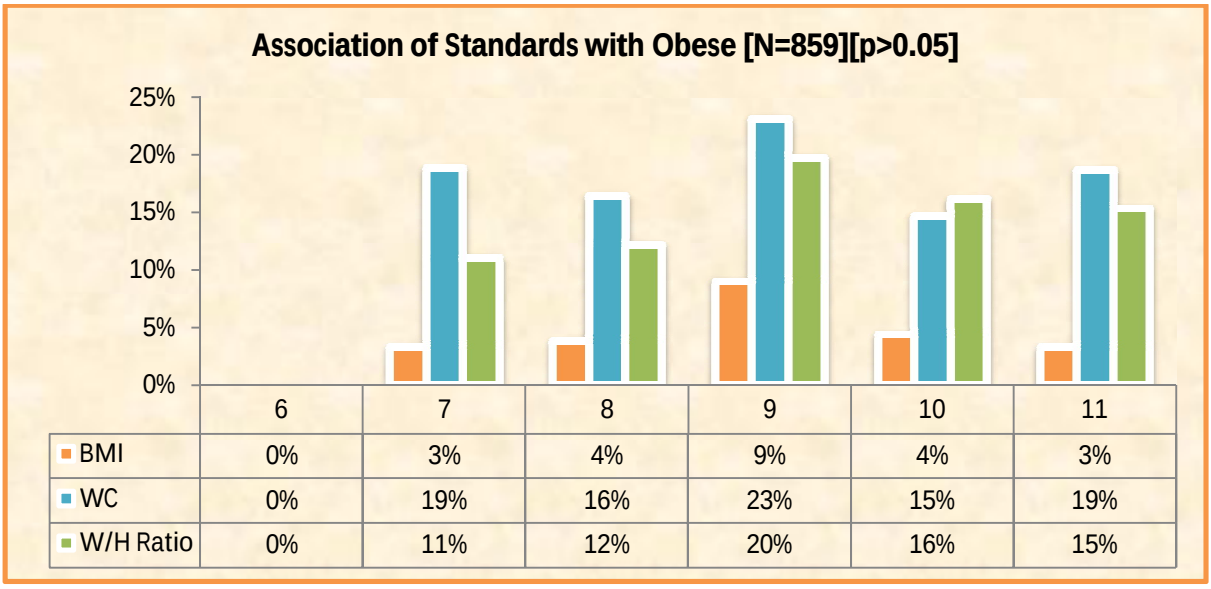
Standard wise		
STD	n	(%)
6	17	2%
7	244	28%
8	262	31%
9	177	21%
10	68	8%
11	91	11%
Total	859	520

Figure : 20 Classes



Similar to age, there is increased obese children in class 8 followed by class 7 and 9.

Figure : 21 Association of Standards with Obese



	6	7	8	9	10	11
BMI	0%	3%	4%	9%	4%	3%
WC	0%	19%	16%	23%	15%	19%
W/H Ratio	0%	11%	12%	20%	16%	15%

MODE OF SCHOOL WITH OBESITY

Table : 5 Association of Mode of School with Obese in Study Population

Association of Mode of School with Obese in study population				
		OBESE		
School	**TOTAL**	BMI*	WC*	W/H Ratio*
Private	459	30	95	73
Govt.	400	10	62	46
* --> Significant at <0.05 level				

Figure : 22 Association of Mode of School with Obese

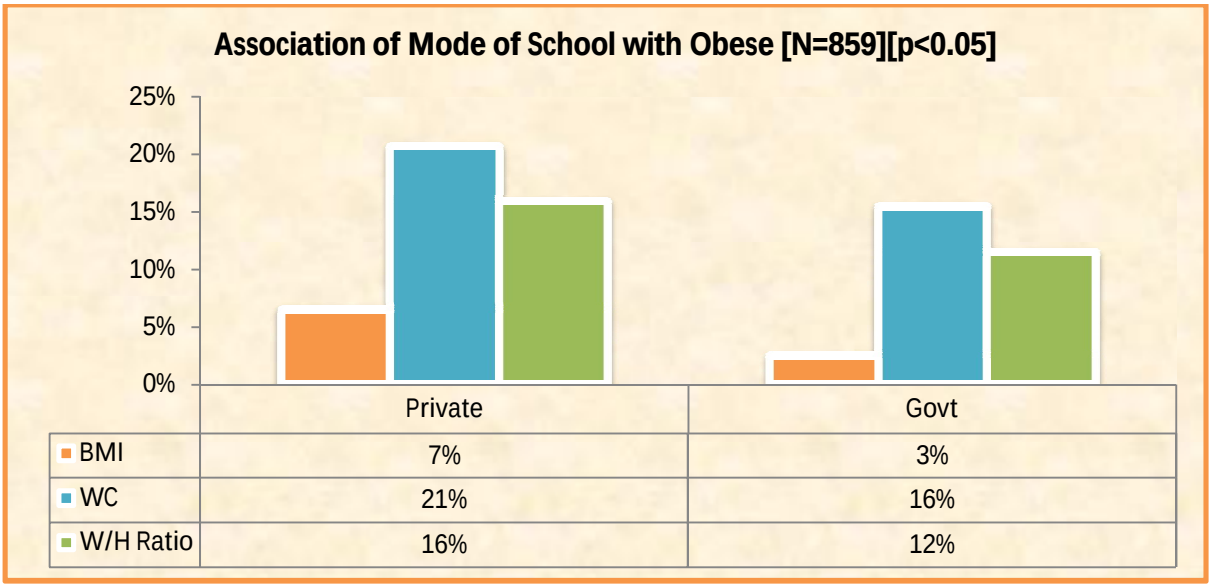


Table : 6 ODDS RATIO - Private School

ODDS RATIO - Private school			
		BMI	2.727 [95% CI : 1.316 - 5.652]
		WC	1.422 [95% CI : 1.000 - 2.024]
		W/H ratio	1.455 [95% CI : 0.979 - 2.163]

According to this study, obesity is more in private schools when compared to government schools.

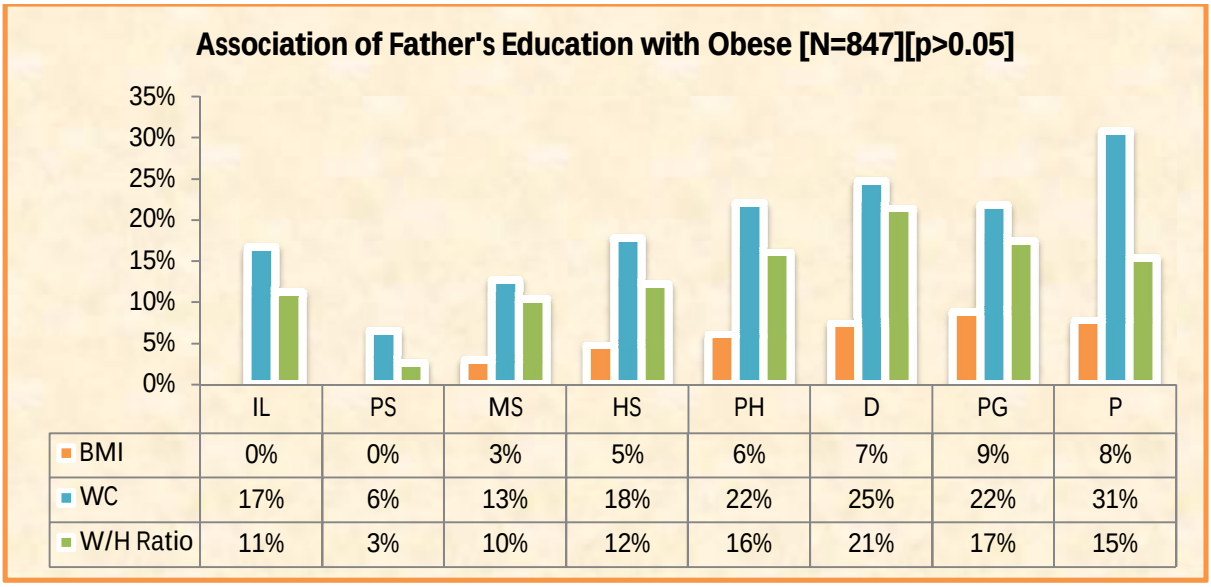
FATHERS EDUCATION WITH OBESITY

According to this study, obese children are more when fathers are degree holders, post graduates and professionals.

Table : 7 Association of Father's education with Obese in study population

Association of Father's education with Obese in study population				
		OBESE		
FATHER'S EDN	**Total**	BMI	WC*	W/H Ratio
ILLITERATE	18	0	3	2
PRIMARY SCHOOL	77	0	5	2
MIDDLE SCHOOL	174	5	22	18
HIGH SCHOOL	214	10	38	26
POST HIGH SCHOOL	150	9	33	24
DEGREE	178	13	44	38
POSTGRADUATE	23	2	5	4
PROFESSIONAL	13	1	4	2
* --> Significant at <0.05 level				

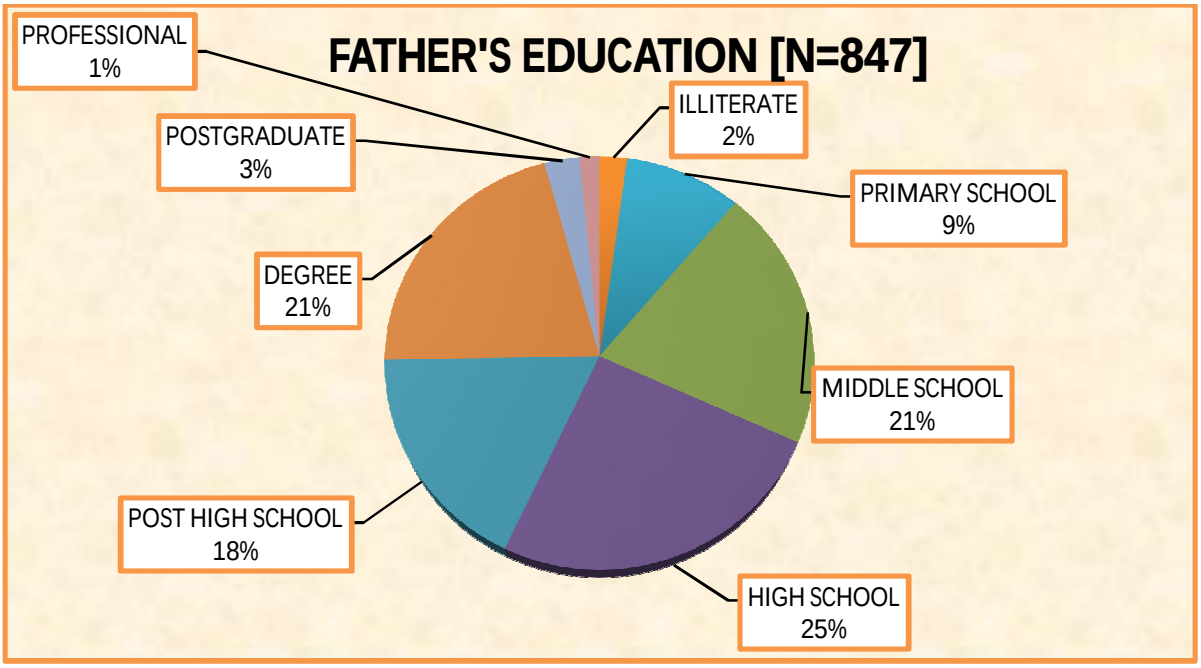
Figure : 23 Association of Father's Education with Obese



	IL	PS	MS	HS	PH	D	PG	P
BMI	0%	0%	3%	5%	6%	7%	9%	8%
WC	17%	6%	13%	18%	22%	25%	22%	31%
W/H Ratio	11%	3%	10%	12%	16%	21%	17%	15%

For most of the children, their father's education is high school which accounts for 25%, followed by middle school and degree holders, each 21% and then the rest.

Figure : 24 Father's Education



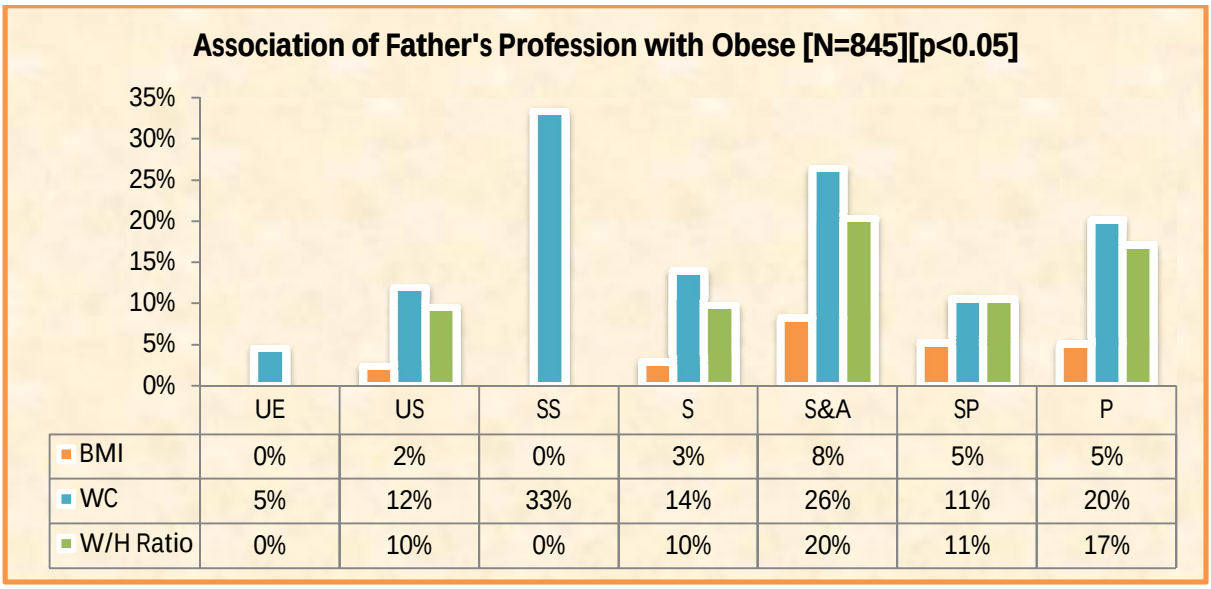
FATHER'S PROFESSION AND OBESITY

According to this study, obese children are more for fathers who are semi skilled and those who are business men and agriculturists.

Table : 8 Association of Father's Profession with Obese in study population

Association of Father's Profession with Obese in study population				
		OBESE		
FATHER'S PROFF	**Total**	BMI*	WC*	W/H Ratio*
UN EMPLOYED	22	0	1	0
UN SKILLED	126	3	15	12
SEMI SKILLED	6	0	2	0
SKILLED	308	9	43	30
SHOP AND AGRICULTURE	265	22	70	54
SEMI PROFESSIONAL	19	1	2	2
PROFESSIONAL	99	5	20	17
* --> Significant at <0.05 level				

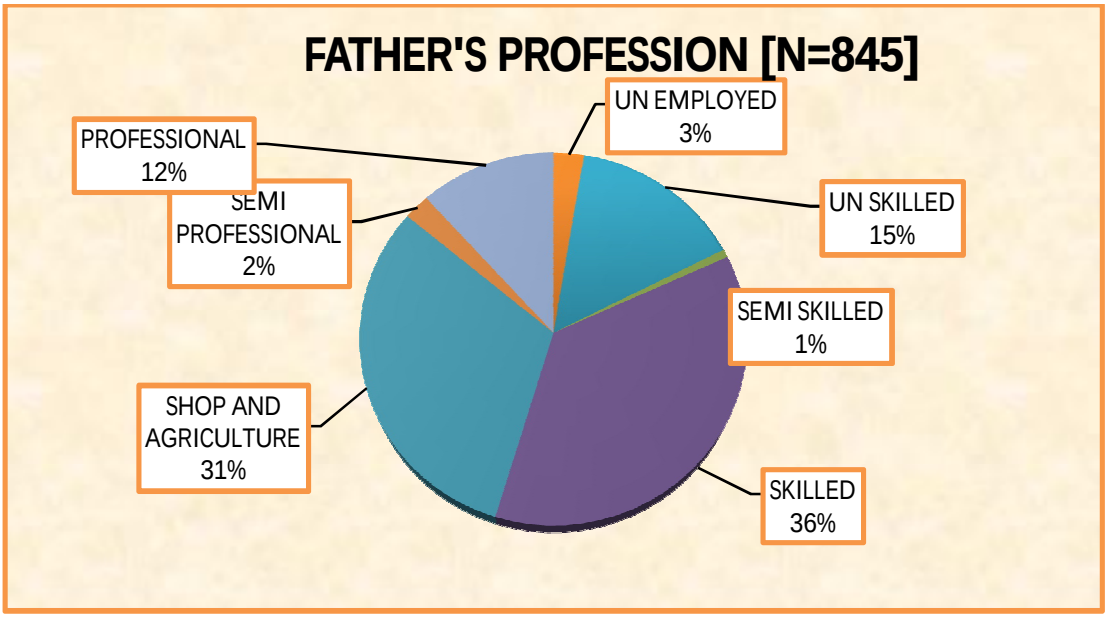
Figure : 25 Association of Father's Profession with Obese



	UE	US	SS	S	S&A	SP	P
BMI	0%	2%	0%	3%	8%	5%	5%
WC	5%	12%	33%	14%	26%	11%	20%
W/H Ratio	0%	10%	0%	10%	20%	11%	17%

Majority of the children's fathers are skilled workers which accounts for 36% followed by businessmen or practicing agriculture which accounts for 31%.

Figure : 26 Father's Profession



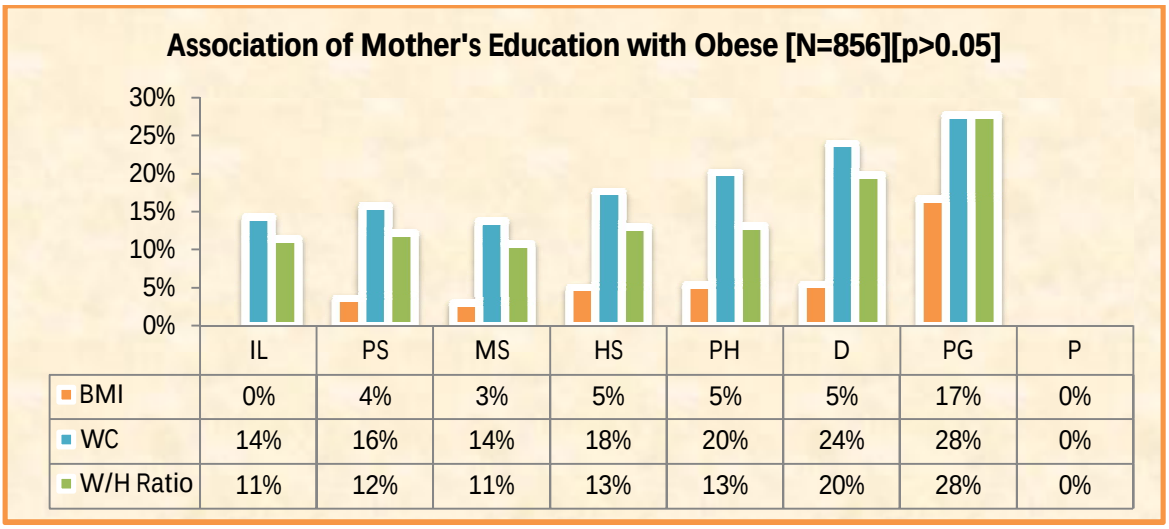
MOTHER’S EDUCATION AND OBESITY

According to this study, obese children are more in mothers who are degree holders, post graduates and professionals.

Table : 9 Association of Mother's education with Obese in study population

Association of Mother's education with Obese in study population				
		OBESE		
MOTHER'S EDN	**Total**	BMI	WC	W/H Ratio
ILLITERATE	35	0	5	4
PRIMARY SCHOOL	82	3	13	10
MIDDLE SCHOOL	167	5	23	18
HIGH SCHOOL	238	12	42	31
POST HIGH SCHOOL	168	9	34	22
DEGREE	146	8	35	29
POSTGRADUATE	18	3	5	5
PROFESSIONAL	2	0	0	0

Figure : 27 Association of Mother's Education with Obesity

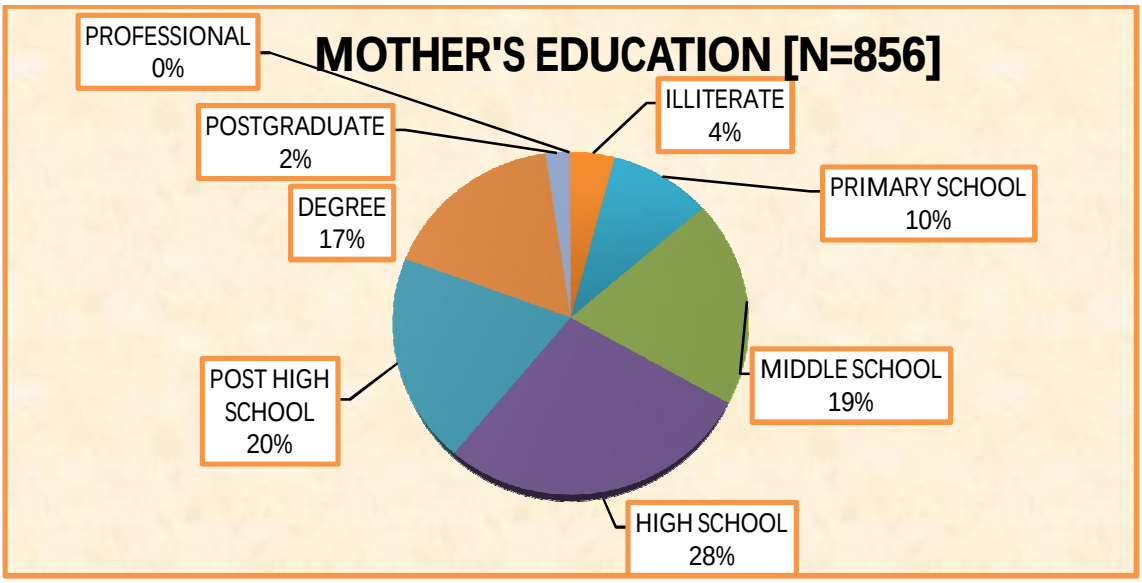


	IL	PS	MS	HS	PH	D	PG	P
BMI	0%	4%	3%	5%	5%	5%	17%	0%
WC	14%	16%	14%	18%	20%	24%	28%	0%
W/H Ratio	11%	12%	11%	13%	13%	20%	28%	0%

For most of the children, their mother's education is high school which accounts for 28%, followed by post high school 20% and middle school 19% and then the rest.

The educational qualification of the mother is slightly lower by a few % than the father.

Figure : 28 Mother's Education



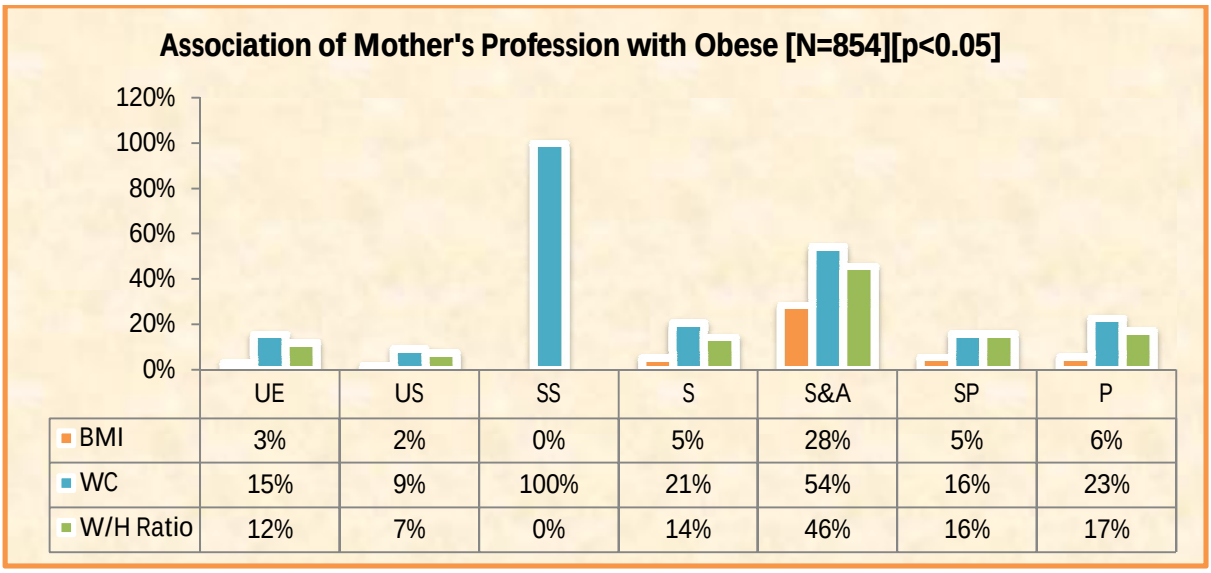
MOTHER'S PROFESSION AND OBESITY

According to this study, obese children are more for mothers who are semi skilled and those who are business women and agriculturists.

Table : 10 Association of Mother's Profession with Obese in study population

Association of Mother's Profession with Obese in study population				
		OBESE		
Mother's Proff	**Total**	BMI*	WC*	W/H Ratio*
UN EMPLOYED	485	14	75	58
UN SKILLED	109	2	10	8
SEMI SKILLED	2	0	2	0
SKILLED	140	7	29	20
SHOP AND AGRICULTURE	46	13	25	21
SEMI PROFESSIONAL	19	1	3	3
PROFESSIONAL	53	3	12	9
* --> Significant at <0.05 level				

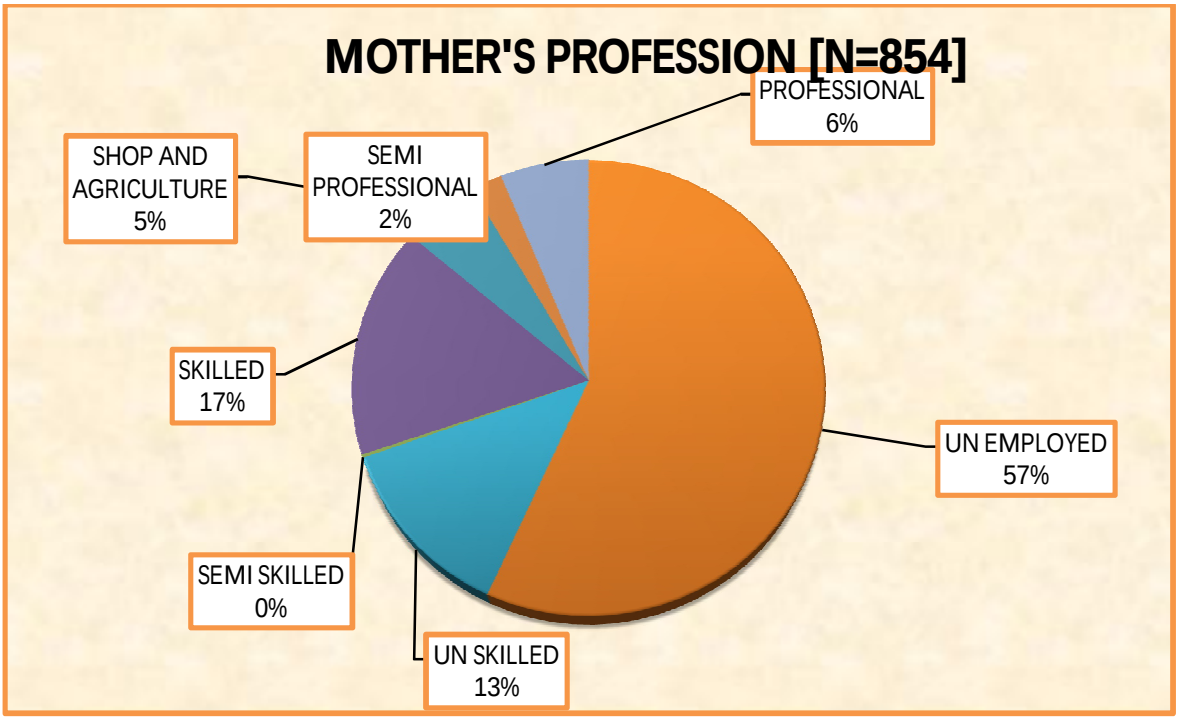
Figure : 29 Association of Mother's Profession with Obese



	UE	US	SS	S	S&A	SP	P
BMI	3%	2%	0%	5%	28%	5%	6%
WC	15%	9%	100%	21%	54%	16%	23%
W/H Ratio	12%	7%	0%	14%	46%	16%	17%

Majority of the children's mothers are unemployed, most of them being home makers which accounts for 57% followed by skilled workers 17% and then the rest.

Figure : 30 Mother's Profession



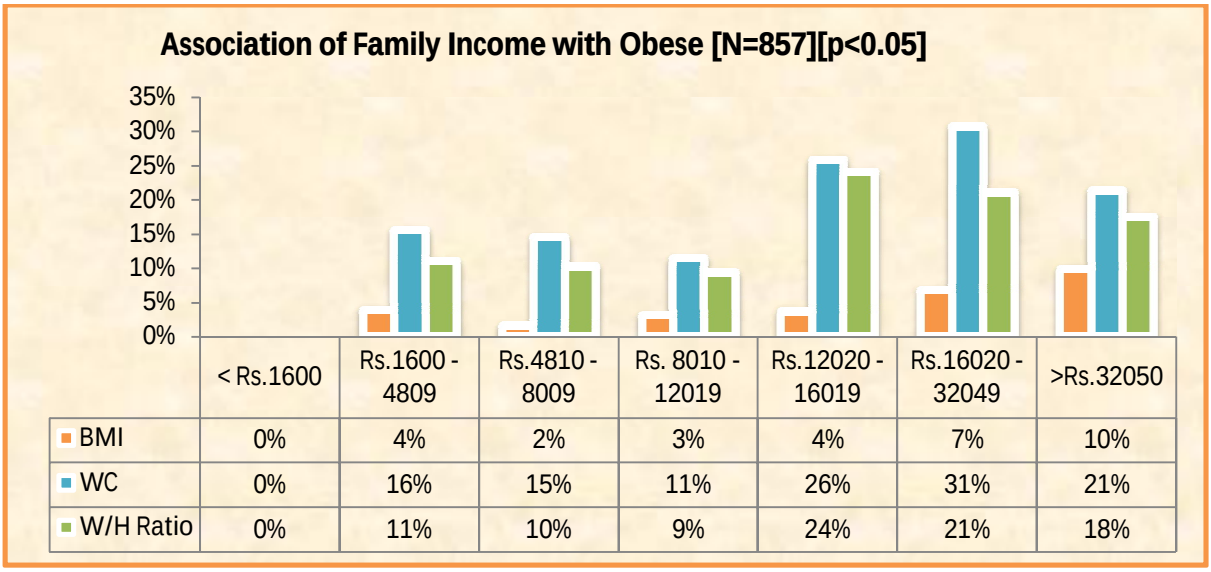
FAMILY INCOME AND OBESITY

According to this study, obese children are more in families who earn between Rs.12,000 to Rs.32,000.

Table : 11 Association of Family Income with Obese in study population

Association of Family Income with Obese in study population				
		OBESE		
Family Income	**Total**	BMI*	WC*	W/H Ratio*
< Rs.1600	13	0	0	0
Rs.1600 – 4809	154	6	24	17
Rs.4810 – 8009	254	4	37	26
Rs. 8010 – 12019	96	3	11	9
Rs.12020 – 16019	54	2	14	13
Rs.16020 – 32049	104	7	32	22
>Rs.32050	182	18	39	32
* --> Significant at <0.05 level				

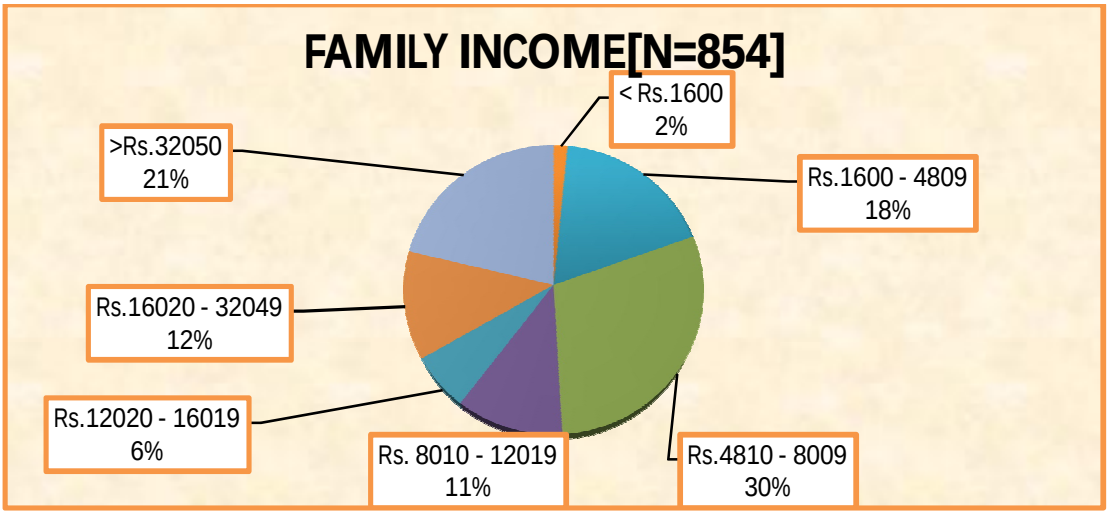
Figure : 31 Association of Family Income with Obesity



	< Rs.1600	Rs.1600 - 4809	Rs.4810 - 8009	Rs. 8010 - 12019	Rs.12020 - 16019	Rs.16020 - 32049	>Rs.32050
BMI	0%	4%	2%	3%	4%	7%	10%
WC	0%	16%	15%	11%	26%	31%	21%
W/H Ratio	0%	11%	10%	9%	24%	21%	18%

Majority of the children are from family income group of 4,810-8,009 rupees per month which accounts for 30% followed by 32,050 rupees per month which accounts for 21%.

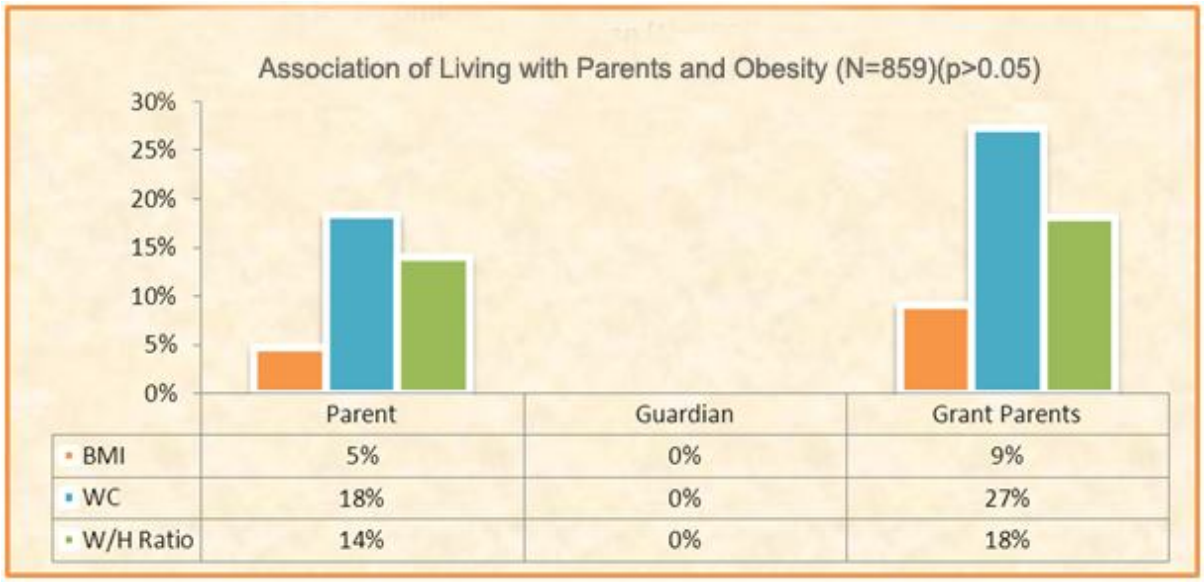
Figure : 32 Family Income



LIVING WITH PARENTS AND OBESITY

According to this study there is no increase in obese children if they are living with grand parent or guardian.

Figure : 33 Association of Living with Parents and Obesity

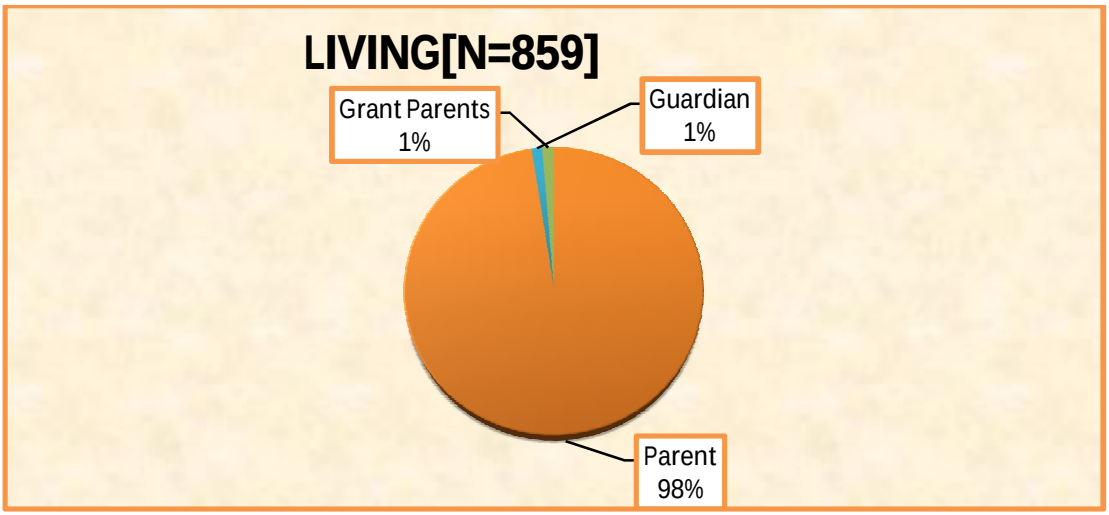


Almost 82% of the children live with their parents and only a few % with grandparents or guardians.

Table : 12 Accompany of Living with Obese in study population

Association of Accompany of Living with Obese in study population				
		OBESE		
Living	**Total**	BMI	WC	W/H Ratio
Parent	838	39	154	117
Guardian	10	0	0	0
Grant Parents	11	1	3	2

Figure : 34 Living with parent



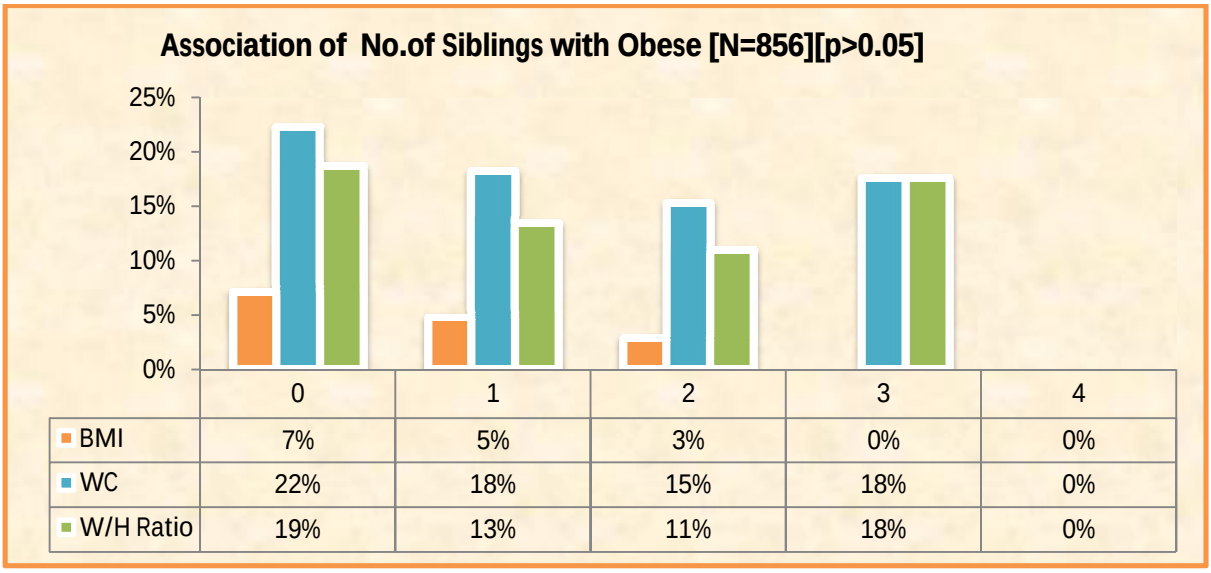
NUMBER OF SIBLINGS AND OBESITY

According to this study there is decrease in obese children if they have more than 2 siblings.

Table : 13 Association of No. of siblings with Obese in study population

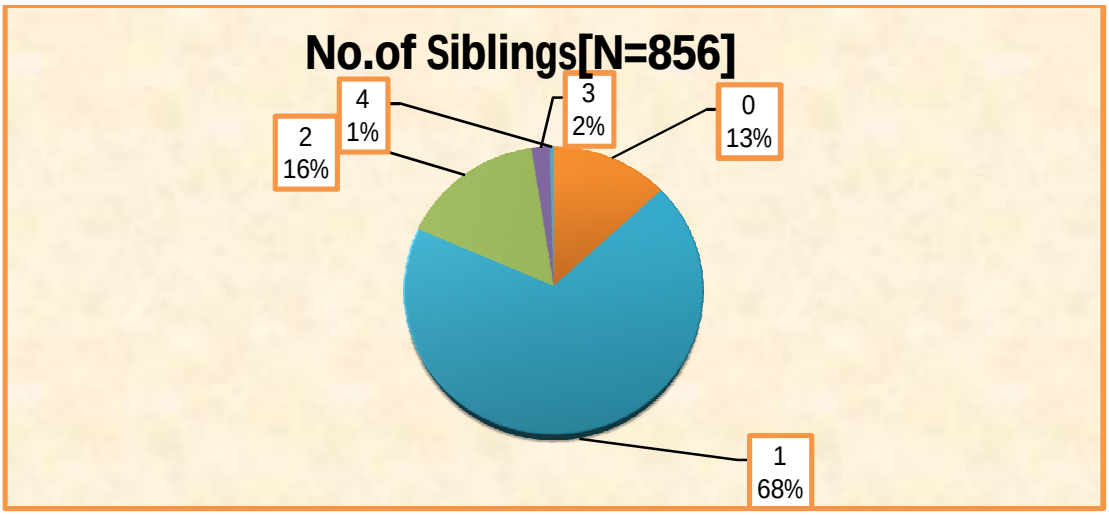
Association of No. of siblings with Obese in study population				
		OBESE		
Siblings	**Total**	BMI	WC	W/H Ratio
0	112	8	25	21
1	586	28	107	79
2	137	4	21	15
3	17	0	3	3
4	4	0	0	0

Figure : 35 Association of No. of Siblings with Obese



Majority of the children have one sibling which accounts for 68% followed by rest.

Figure : 36 Siblings with Obese



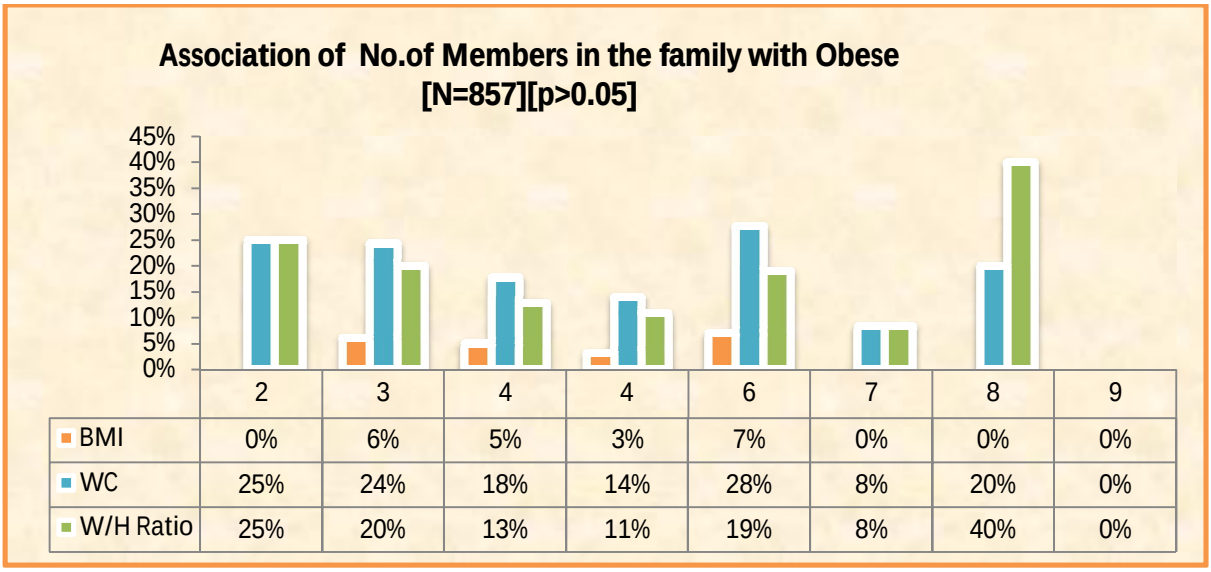
NUMBER OF FAMILY MEMBERS AND OBESITY

According to this study obese children are less if the family members are more than 6.

Table : 14 Association of No.of members in the Family with Obese in study population

Association of No.of members in the Family with Obese in study population				
		OBESE		
No.of Members	**Total**	BMI	WC	W/H Ratio
2	4	0	1	1
3	115	7	28	23
4	468	23	83	60
4	194	6	27	21
6	58	4	16	11
7	12	0	1	1
8	5	0	1	2
9	1	0	0	0

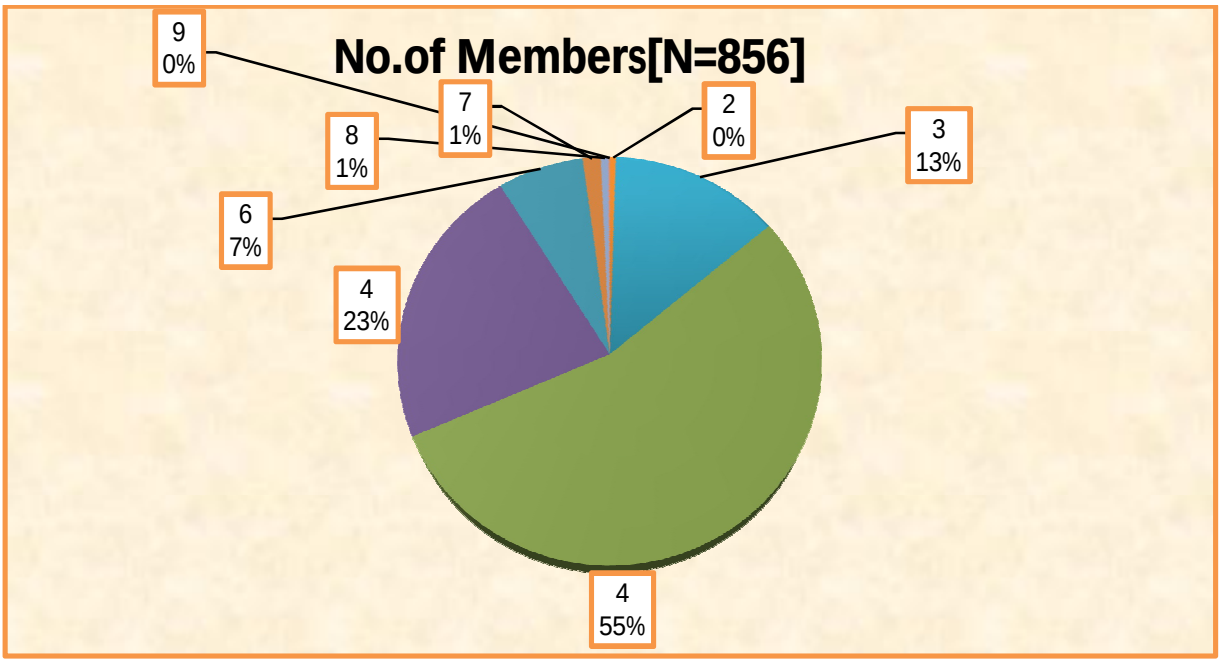
Figure : 37 Association of No. of Members in the family with Obese



	2	3	4	4	6	7	8	9
BMI	0%	6%	5%	3%	7%	0%	0%	0%
WC	25%	24%	18%	14%	28%	8%	20%	0%
W/H Ratio	25%	20%	13%	11%	19%	8%	40%	0%

Most of the children live in a family of four members, around 55% .

Figure : 38 No. of Family Members



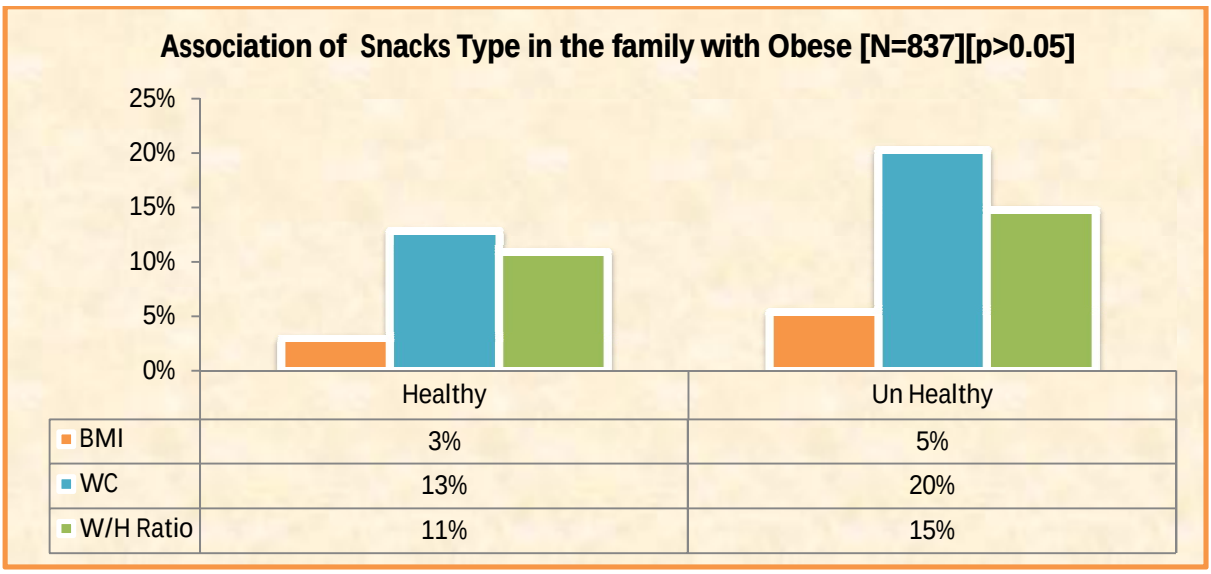
ASSOCIATION OF SNACK TYPES WITH OBESITY

According to this study, obesity is more in children who eat unhealthy snacks.

Table : 15 Association of Snacks eaten every day with Obese in study population

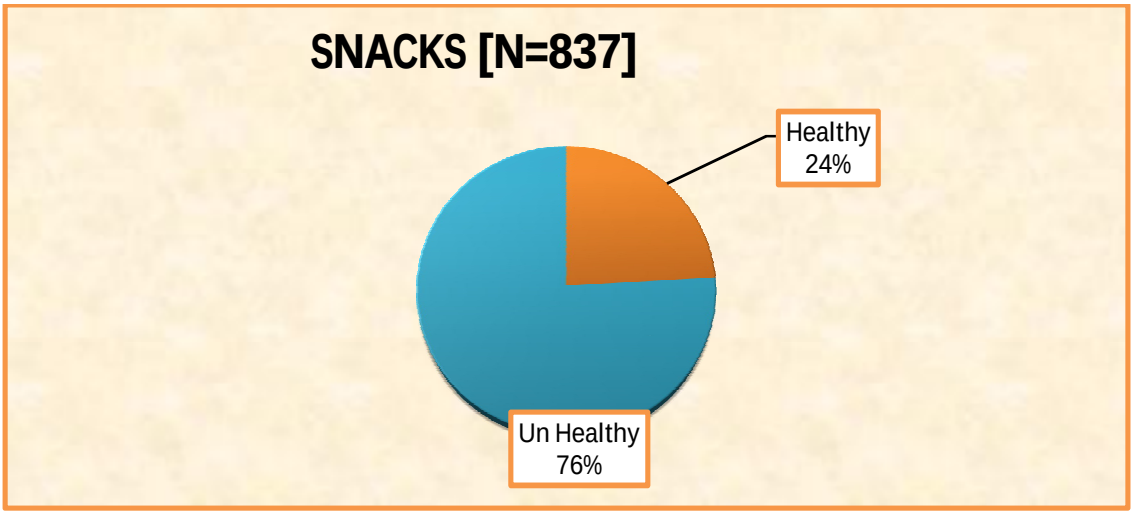
Association of Snacks eaten every day with Obese in study population				
		OBESE		
Snacks type	**Total**	BMI	WC*	W/H Ratio
Healthy	202	6	26	22
Un Healthy	635	34	129	94
* --> Significant at <0.05 level				

Figure : 39 Association of Snacks Type in the family with Obese



Almost 75% of children consume unhealthy snacks.

Figure : 40 Snacks and Obesity



NUMBER OF HOURS OF SCREEN VIEWING TIME WITH OBESITY

According to this study, the children with screen viewing time of more than 3 hours have risk of developing obesity.

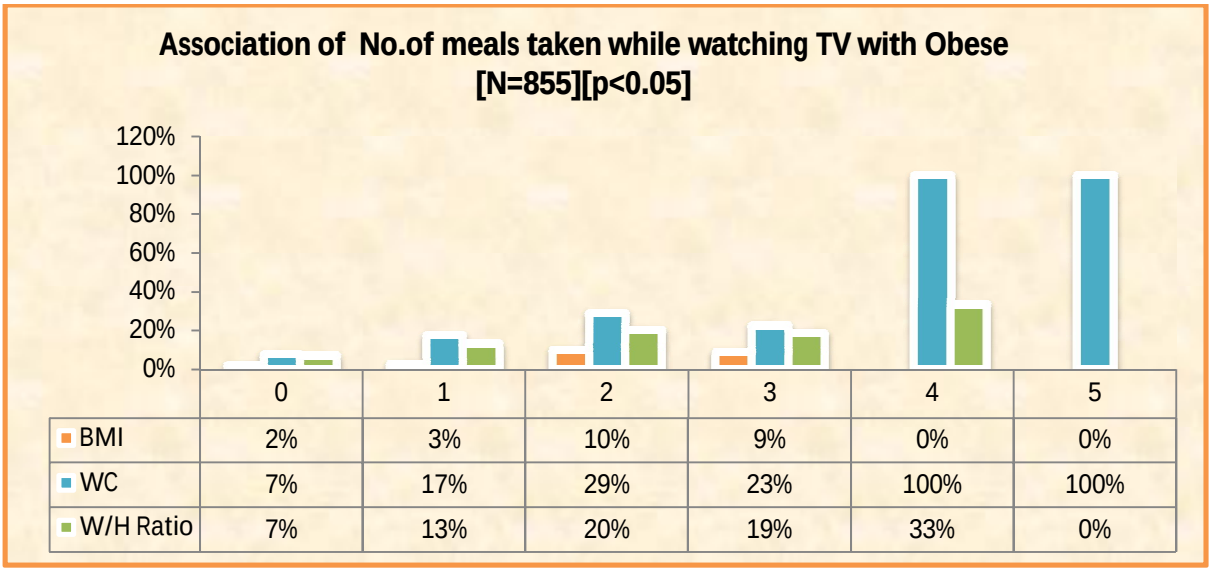
NUMBER OF MEALS TAKEN WHILE WATCHING ELECTRONIC GADGETS AND OBESITY

According to this study, obesity is found more in children who eat more than 3 meals while watching TV or using other electronic gadgets.

Table : 16 Association of No.of meals taken while watching TV with Obese in study population

Association of No.of meals taken while watching TV with Obese in study population				
		OBESE		
No.of Meals	**Total**	BMI*	WC*	W/H Ratio*
0	187	4	14	13
1	403	11	70	53
2	159	16	46	32
3	102	9	23	19
4	3	0	3	1
5	1	0	1	0
* --> Significant at <0.05 level				

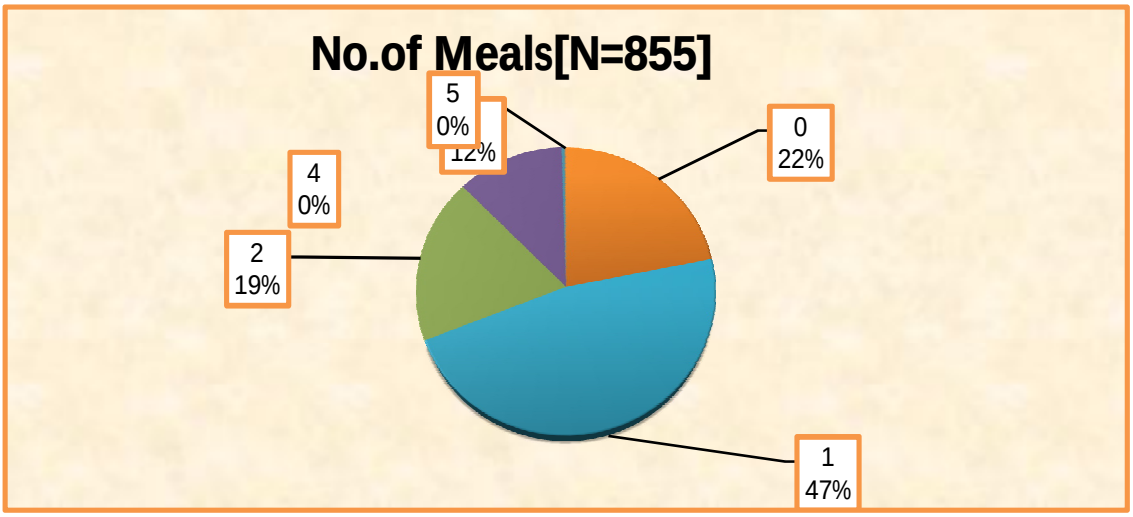
Figure : 41 Association of No.of meals taken while watching TV with Obese



	0	1	2	3	4	5
BMI	2%	3%	10%	9%	0%	0%
WC	7%	17%	29%	23%	100%	100%
W/H Ratio	7%	13%	20%	19%	33%	0%

Only 22% of children in our study eat food without watching or using other gadgets. Around 47% have one meal along with watching TV.

Figure : 42 No of Meals during screen viewing time



EXTRA CURRICULAR ACTIVITIES AND OBESITY

According to this study, obesity is more in children who play more indoor activities when compared with children who play outdoor activities.

Table : 17 Association of Extra Curricular activites with Obese in study population

Association of Extra Curricular activites with Obese in study population				
		OBESE		
Extra Curricular Activities	**Total**	BMI*	WC*	W/H Ratio*
Indoor	329	34	126	94
Outdoor	529	6	31	25
* --> Significant at <0.05 level				

Figure : 43 Association of Extra Curricular activities with Obese

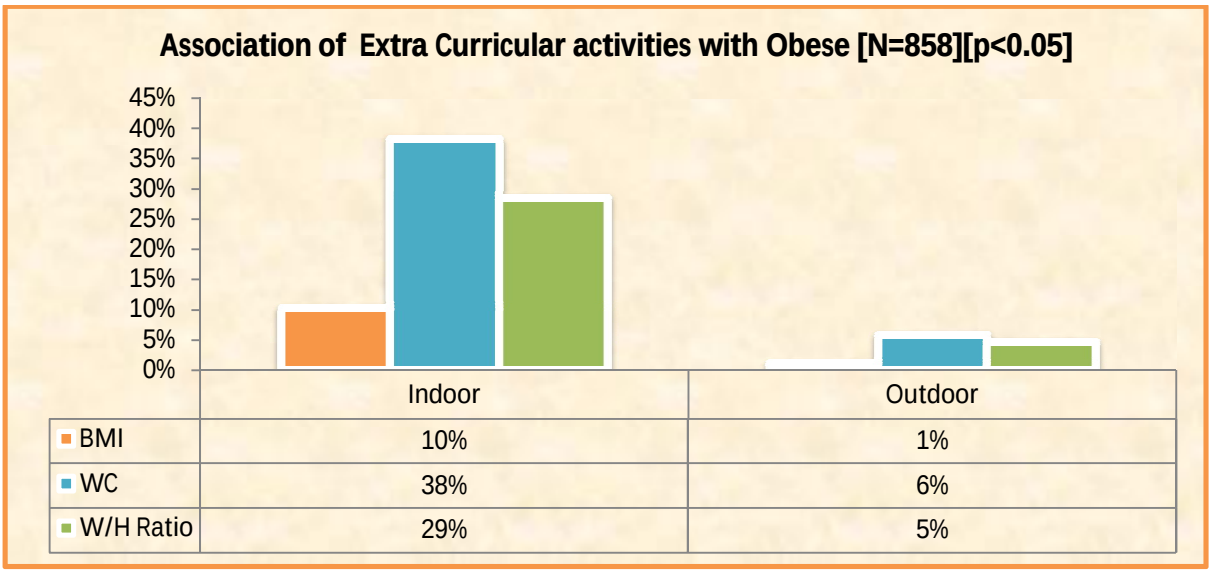
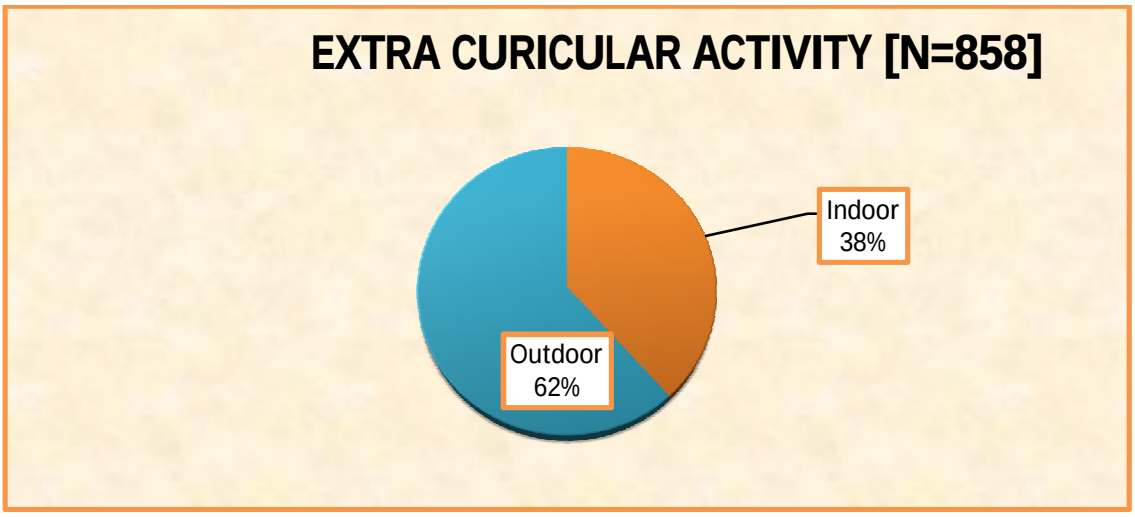


Table : 18 ODDS RATIO - Indoor Activity

ODDS RATIO - Indoor			
		BMI	10.046 [95% CI : 4.168 - 24.21]
		WC	9.971 [95% CI : 6.515 -15.259]
		W/H ratio	8.064 [95% CI : 5.053 - 12.869]

Most of the children predominantly play outdoor games only, 68%.

Figure : 44 Extra Curricular activities



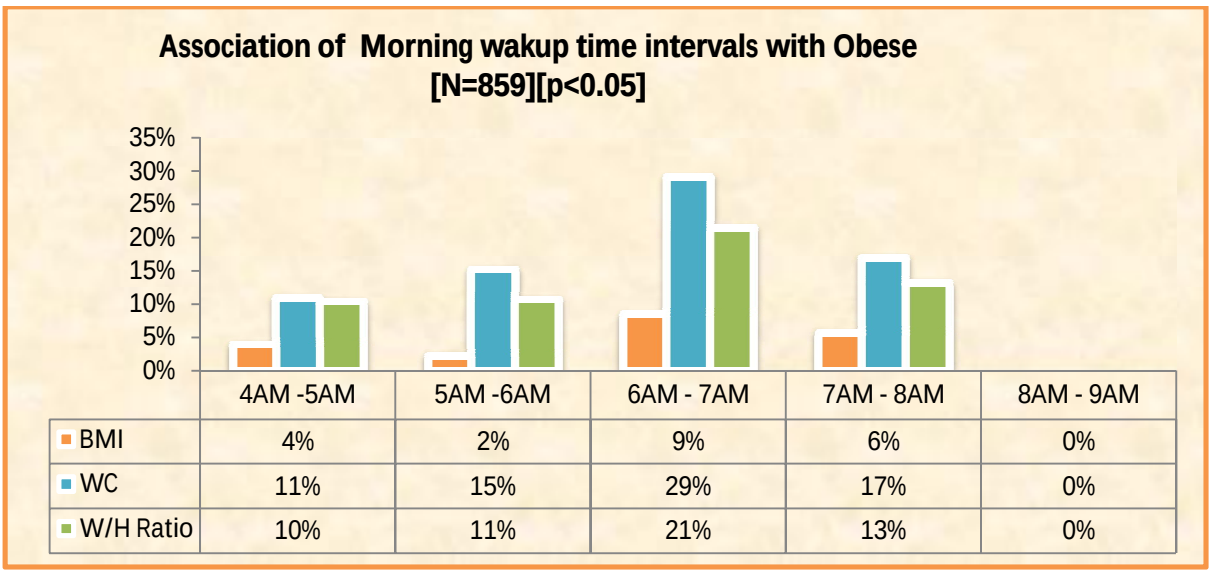
MORNING WAKING UP TIME AND OBESITY

According to this study, the risk for developing obesity is more for children who wake up after 6 am.

Table : 19 Association of Morning wakingup time Intervals with Obese in study population

Association of Morning wakingup time Intervals with Obese in study population				
		OBESE		
Time	**Total**	BMI*	WC*	W/H Ratio*
4AM -5AM	202	8	22	21
5AM -6AM	354	8	54	38
6AM - 7AM	247	21	72	53
7AM - 8AM	53	3	9	7
8AM - 9AM	3	0	0	0
* --> Significant at <0.05 level				

Figure : 45 Association of Morning wake up time intervals with Obese

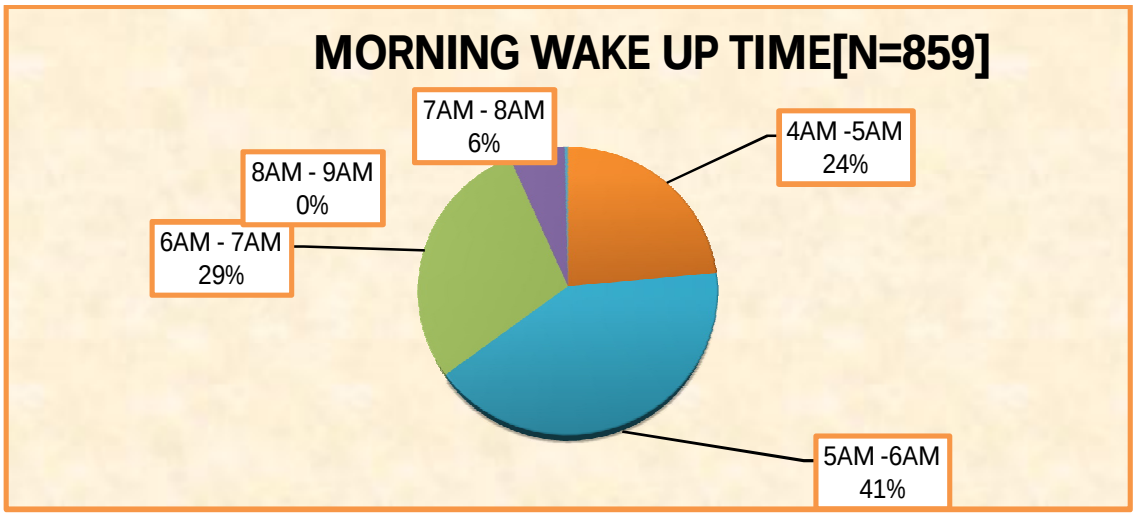


	4AM -5AM	5AM -6AM	6AM - 7AM	7AM - 8AM	8AM - 9AM
BMI	4%	2%	9%	6%	0%
WC	11%	15%	29%	17%	0%
W/H Ratio	10%	11%	21%	13%	0%

The majority of kids around 41% wake up between 5 and 6 am.

Around 53 children wake up after 7 am, and almost 20% of them are obese.

Figure : 46 Morning Wake Up Time



NIGHT SLEEPING TIME AND OBESITY

According to this study, obesity is more in children who sleep after 10 pm.

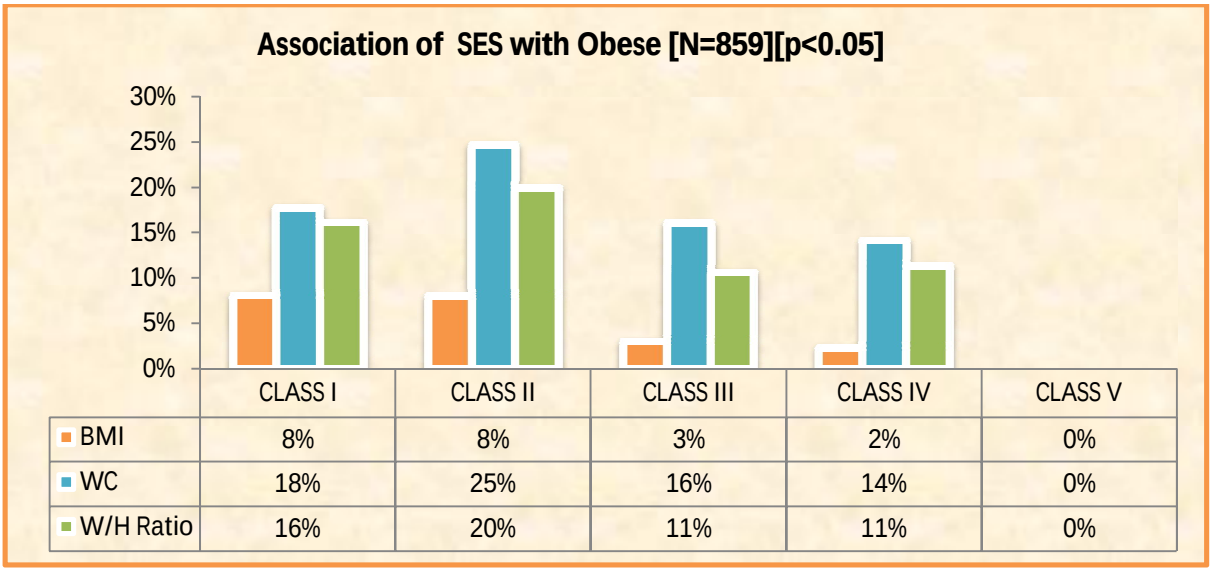
SOCIO ECONOMIC STATUS AND OBESITY

According to this study, obesity is more in class 2 followed by class 1.

Table : 20 Association of SES with Obesity

Association of SES with Obese in study population				
		OBESE		
SES	**Total**	BMI*	WC*	W/H Ratio*
CLASS I	62	5	11	10
CLASS II	251	20	62	50
CLASS III	367	11	59	39
CLASS IV	177	4	25	20
CLASS V	2	0	0	0
* --> Significant at <0.05 level				

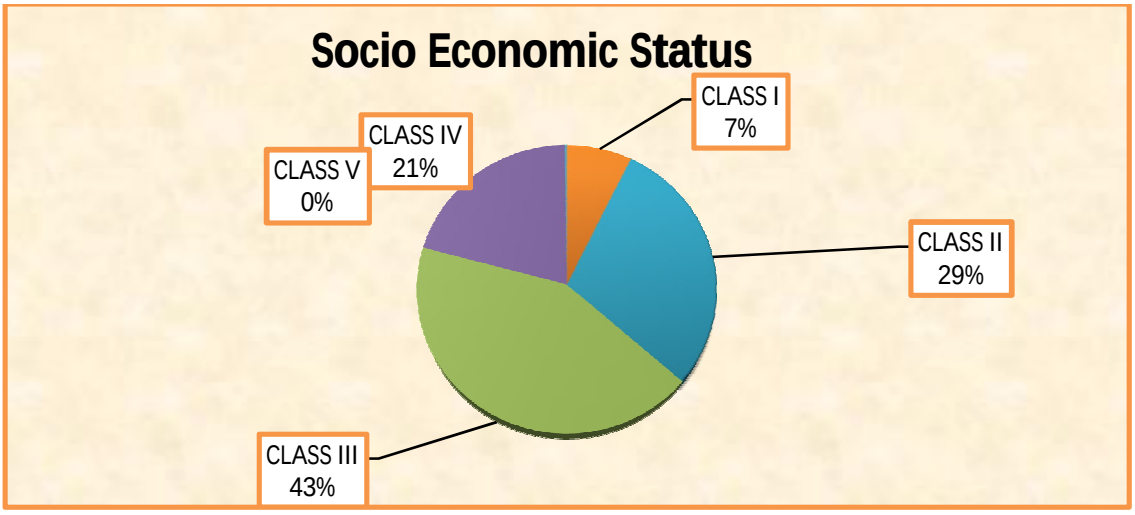
Figure : 47 Association of SES with Obese



Most of the children, 43% belong to class 3 of Modified Kuppusamy Scale.

There is no one in class 5.

Figure : 48 Socio Economic Status



The below table shows the mean of the variables with obesity for BMI

Table : 21 Mean of Clinical Variables with Obesity as per BMI

Mean of Clinical Variables with Obesity as per BMI								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	13.1	1.37	12.64	13.51	11	15	
	NO	13.0	1.43	12.89	13.09	11	15	>0.05
	Total	13.0	1.42	12.90	13.09	11	15	
Father Age	YES	43.5	3.90	42.23	44.72	35	55	
	NO	42.7	5.25	42.30	43.03	31	80	>0.05
	Total	42.7	5.19	42.35	43.05	31	80	
Mother Age	YES	38.0	4.92	36.45	39.60	30	50	
	NO	37.4	5.03	37.06	37.75	23	67	>0.05
	Total	37.4	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	3.3	1.43	2.88	3.79	0	6	
	NO	2.4	1.87	2.29	2.55	0	12	<0.01
	Total	2.5	1.86	2.34	2.59	0	12	
Night sleeping time	YES	10.1	0.88	9.82	10.38	8	12	
	NO	9.7	1.09	9.65	9.80	1	12.3	<0.05
	Total	9.7	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.3	0.88	5.99	6.55	4	8	
	NO	5.9	0.99	5.83	5.96	4	9	<0.05
	Total	5.9	0.99	5.85	5.98	4	9	
Weight	YES	57.4	11.40	53.78	61.07	35	89	
	NO	40.8	8.15	40.23	41.35	22	71	<0.001
	Total	41.6	9.03	40.96	42.17	22	89	
Height	YES	142.8	12.59	138.80	146.85	120	167	
	NO	150.1	9.58	149.39	150.71	115	177	<0.001
	Total	149.7	9.85	149.05	150.37	115	177	
BMI	YES	28.2	4.51	26.73	29.61	22.52	41.6	
	NO	18.1	2.87	17.86	18.25	11.9	26.89	<0.001
	Total	18.5	3.65	18.28	18.77	11.9	41.6	
WC	YES	77.60	4.67	76.11	79.09	70	97	
	NO	64.67	8.25	64.10	65.23	30	93	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.55	0.05	0.53	0.56	0.48	0.66	
	NO	0.43	0.05	0.43	0.43	0.2	0.65	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

The below table shows the mean of the variables with obesity for WC

Table : 22 Mean of Clinical Variables with Obesity as per WC

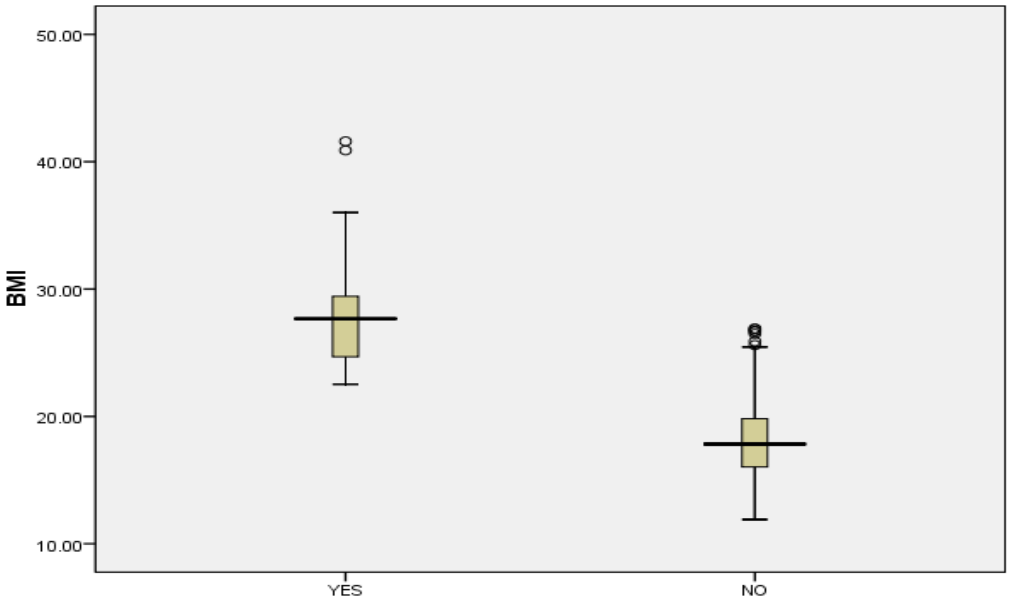
Mean of Clinical Variables with Obesity as per WC								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	12.94	1.40	12.72	13.16	11	15	
	NO	13.01	1.43	12.90	13.11	11	15	>0.05
	Total	13.00	1.42	12.90	13.09	11	15	
Father Age	YES	43.11	4.26	42.43	43.79	32	55	
	NO	42.61	5.38	42.21	43.01	31	80	>0.05
	Total	42.70	5.19	42.35	43.05	31	80	
Mother Age	YES	37.73	4.46	37.02	38.43	29	52	
	NO	37.37	5.14	36.99	37.75	23	67	>0.05
	Total	37.44	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	3.12	1.64	2.86	3.38	0	12	
	NO	2.31	1.87	2.17	2.45	0	12	<0.01
	Total	2.46	1.86	2.34	2.59	0	12	
Night sleeping time	YES	9.95	0.83	9.82	10.08	8	12	
	NO	9.70	1.13	9.62	9.78	1	12.3	<0.01
	Total	9.75	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.16	0.85	6.02	6.29	4	8	
	NO	5.86	1.01	5.78	5.93	4	9	<0.05
	Total	5.91	0.99	5.85	5.98	4	9	
Weight	YES	51.42	9.23	49.97	52.88	30	89	
	NO	39.36	7.36	38.82	39.91	22	70	<0.001
	Total	41.57	9.03	40.96	42.17	22	89	
Height	YES	149.23	11.27	147.46	151.01	115	170	
	NO	149.82	9.51	149.12	150.53	120	177	>0.05
	Total	149.71	9.85	149.05	150.37	115	177	
BMI	YES	23.22	4.21	22.55	23.88	13.16	41.6	
	NO	17.48	2.52	17.29	17.66	11.9	28.4	<0.001
	Total	18.53	3.65	18.28	18.77	11.9	41.6	
WC	YES	77.23	5.11	76.43	78.04	67	97	
	NO	62.59	6.69	62.10	63.09	30	92	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.52	0.05	0.51	0.53	0.45	0.66	
	NO	0.42	0.04	0.42	0.42	0.2	0.59	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

The below table shows the mean of the variables with obesity for WHR

Table : 23 Mean of Clinical variables with Obesity as per WHR

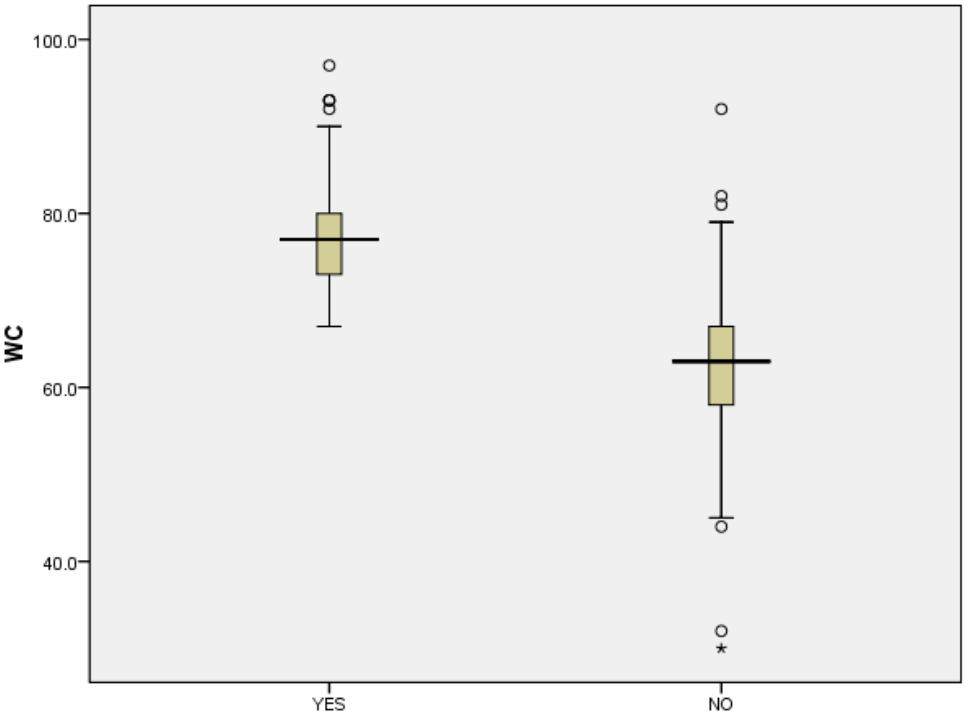
Mean of Clinical Variables with Obesity as per W/H ratio								
Clinical Variables				95% CI for Mean				
	OBESE	Mean	SD	Lower	Upper	Minimum	Maximum	sig
Age	YES	13.22	1.34	12.98	13.46	11	15	
	NO	12.96	1.43	12.86	13.06	11	15	>0.05
	Total	13.00	1.42	12.90	13.09	11	15	
Father Age	YES	43.42	4.28	42.63	44.21	32	55	
	NO	42.59	5.32	42.20	42.98	31	80	>0.05
	Total	42.70	5.19	42.35	43.05	31	80	
Mother Age	YES	37.76	4.60	36.93	38.60	29	52	
	NO	37.38	5.09	37.01	37.75	23	67	>0.05
	Total	37.44	5.03	37.10	37.77	23	67	
No of hrs watching Tv	YES	2.99	1.50	2.72	3.26	0	9	
	NO	2.38	1.90	2.24	2.51	0	12	<0.01
	Total	2.46	1.86	2.34	2.59	0	12	
Night sleeping time	YES	9.87	0.84	9.72	10.02	8	12	
	NO	9.73	1.12	9.65	9.81	1	12.3	>0.05
	Total	9.75	1.08	9.67	9.82	1	12.3	
Morning waking time	YES	6.09	0.88	5.93	6.25	4	8	
	NO	5.88	1.00	5.81	5.96	4	9	<0.05
	Total	5.91	0.99	5.85	5.98	4	9	
Weight	YES	52.00	10.35	50.12	53.88	30	89	
	NO	39.89	7.56	39.34	40.43	22	70	<0.001
	Total	41.57	9.03	40.96	42.17	22	89	
Height	YES	146.05	11.91	143.89	148.22	115	169	
	NO	150.30	9.35	149.63	150.98	120	177	<0.001
	Total	149.71	9.85	149.05	150.37	115	177	
BMI	YES	24.39	4.13	23.64	25.14	13.16	41.6	
	NO	17.58	2.51	17.40	17.76	11.9	28.4	<0.001
	Total	18.53	3.65	18.28	18.77	11.9	41.6	
WC	YES	78.11	5.47	77.11	79.10	60	97	
	NO	63.20	7.04	62.69	63.71	30	92	<0.001
	Total	65.27	8.57	64.69	65.84	30	97	
W/H ratio	YES	0.54	0.04	0.53	0.54	0.45	0.66	
	NO	0.42	0.04	0.42	0.42	0.2	0.59	<0.001
	Total	0.44	0.06	0.43	0.44	0.2	0.66	

Figure : 49 Obesity as per BMI



The below table shows the mean of the variables with obesity for WC.

Figure : 50 Obesity as per WC



The below table shows the mean of the variables with obesity for WHR.

Figure : 51 Obesity as per W/H ratio

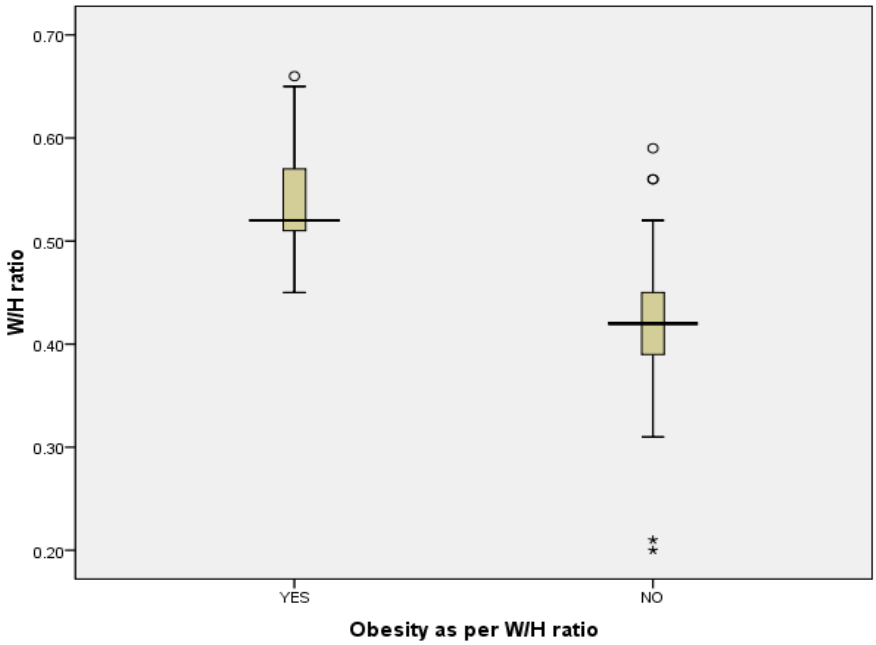


Figure : 52 ROC CURVE

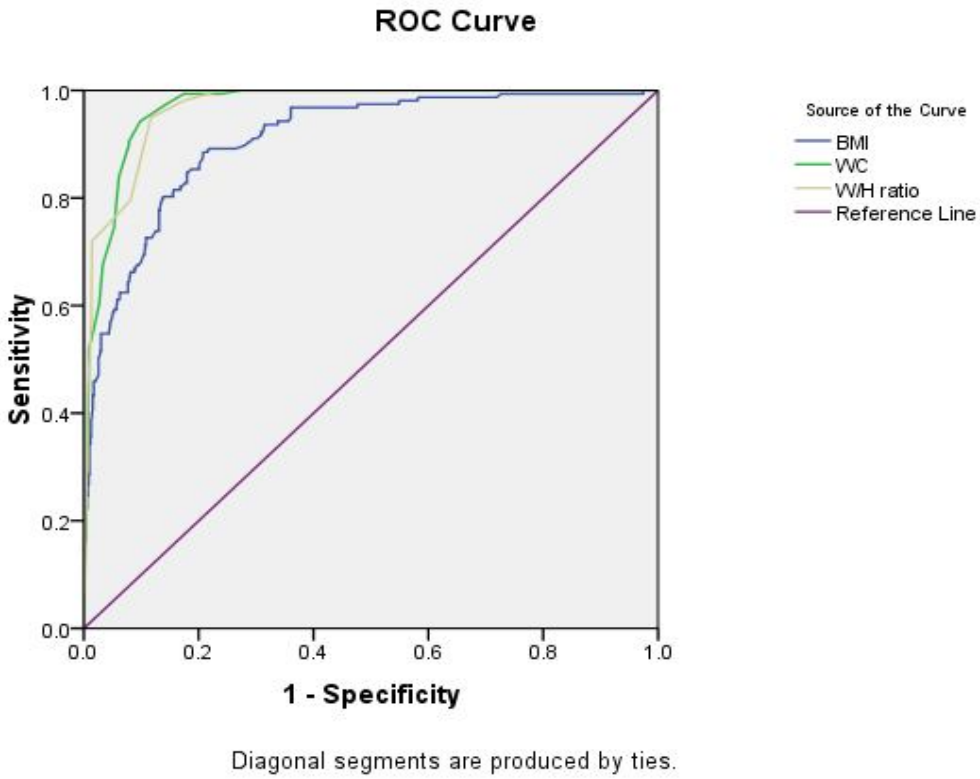


TABLE : 24 Area under the Curve

Area Under the Curve					
Test Result Variable(s)	Area	Std. Error[a]	Asymptotic Sig.[b]	Asymptotic 95% Confidence Interval	
				Lower Bound	Upper Bound
BMI	0.909	0.013	0.000	0.884	0.934
WC	0.969	0.005	0.000	0.959	0.979
W/H ratio	0.968	0.005	0.000	0.957	0.978
The test result variable(s): BMI, WC, W/H ratio has at least one tie between the positive actual state group and the negative actual state group. Statistics may be biased.					
a. Under the nonparametric assumption					
b. Null hypothesis: true area = 0.5					

The above diagram shows the ROC curve and the sensitivity of the three indices.

STATISTICAL ANALYSIS

Statistical Analysis:

The data are reported as the mean +/- SD or the median, depending on their distribution. The differences in quantitative variables between groups were assessed by means of the unpaired t test. Comparison between groups was made by the Non parametric Mann - Whitney test ANOVA was used to assess the quantitative variables. A Chi Square test was used to assess differences in categoric variables between groups. ROC curve and Odds ratio were performed.

A p value of <0.05 using a two-tailed test was taken as being of significance for all statistical tests. All data were analysed with a statistical software package .(SPSS, version 16.0 for windows)

DISCUSSION

The principal outcome of the study was to estimate the prevalence of obesity in 11 to 15 year old school children using BMI, WC and WHR. When compared with other studies which were done in urban schools the prevalence is within the range of 1-13% and when WC is used the prevalence is 18%, which is slightly higher.

Much studies have not been conducted using all three parameters for estimation of obesity and hence in this study we could estimate that by using WC for estimating obesity, then the prevalence increases by 13.6% and by using WHR the estimation of obesity increases by 9.2% and by using combined WC and WHR the estimation of obesity increases by 11.4% than BMI which only estimates 5% of obesity. Thus if only a single factor such as BMI is used obesity may be underdiagnosed.

Obesity, in this study, is also more in private schools when compared with government schools similar to other studies and more in females which is also similar in other studies.

Various risk factors like number of hours of screen viewing time, number of meals consumed during that time, more indoor activities and late night sleep which are statistically significant and which increase the risk of obesity has been studied.

Other details like the educational status of parents, their profession, family income and the socio-economic status have been studied.

Details like family size and the number of siblings have been studied. Though not all the variables are statistically significant the risk of not becoming obese with increased family members and more siblings has been studied.

SUMMARY

- Total no of children included in the study-860 170 children were included in each group from 11-15 years.
- Number of males -340 and the number of females-520
- The total number of children from private school-460 and the number of children from government school -400
- From this study, the prevalence is according to BMI - 5% are obese, WC - 18% are obese, WHR - 14% are obese.

  The effect size - by WC more than BMI in estimating obesity is 14% .

- Obesity is more in children between 12-14 yrs than 11 1nd 15 yrs.
- Obesity is more in females in all age groups.
- Obese children are more in class 8 followed by class 7 and 9.
- Obesity is more in private schools when compared to government schools.
- Obese children are more for both father and mother who are semi skilled and those who are business men and agriculturists.
- Obese children are more in families who earn between Rs.12,000 and Rs.32,000.
- Children with screen viewing time of more than 3 hours are obese.
- Obesity is found more in children who eat more than 3 meals while

watching TV or using other electronic gadgets.

- Obesity is more in children who are involved in indoor activities.
- Obesity is more for children who wake up after 6 am.
- Obesity is more in children who sleep after 10 pm.
- Obesity is more in SES class 2 followed by class 1.

CONCLUSION

- Obesity is becoming a public health problem in our country.
- The overall prevalence of obesity in our study is within the same range as compared to other studies.

  If obesity is estimated using only BMI, obesity may be underdiagnosed.
- Major factors which influence the prevalence of obesity are increased number of hours of screen viewing time, number of meals consumed during that time, more indoor activities and late night sleep.

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DATE OF ASSESSMENT :

1. NAME: 2. AGE: 3. SEX: MALE / FEMALE

4. D.O.B: 5. STANDARD:

6. NAME OF SCHOOL:

7. FATHER'S NAME: 8. AGE: 9. EDU. QUAL: 10. OCCUPATION:

11. MOTHER'S NAME: 12. AGE: 13. EDU. QUAL: 14. OCCUPATION:

15. MONTHLY INCOME OF FAMILY :

16. LIVING WITH : PARENT / GRAND PARENT / GUARDIAN

17. NO OF SIBLINGS : BROTHER: SISTER:

18. NO OF MEMBERS IN FAMILY :

19. SNACKS EATEN EVERY DAY :

20. NO OF HOURS WATCHING TV :

21. NO OF MEALS TAKEN WATCHING TV :

22. EXTRA CURRICULAR ACTIVITIES : INDOOR / OUTDOOR DAYS / WEEK:

23. NIGHT SLEEPING TIME : 5 DAYS / WEEK:

24. MORNING WAKING TIME : 5 DAYS / WEEK:

25. ANY DOCUMENTED MEDICAL ILLNESS IN SCHOOLHEALTH RECORD :

IF YES :

26. ANY OBVIOUS EXTERNAL ANOMALY :

27. SOCIOECONOMICS STATUS :

28. WEIGHT IN KG :

29. HEIGHT IN CM :

30. WAIST CIRCUMFERENCE IN CM :

31. BMI :

32. WAIST HEIGHT RATIO :

33. OBESITY AS PER BMI:

34. OBESITY AS PER WAIST CIRCUMFERENCE :

35. OBESITY AS PER WAIST HEIGHT RATIO :

xggpj;gotk;

gs;spbgah; :

Kfthp :

muRnfhitkUj;Jtf;fy;Yhhpapy;bghJkUj;Jt Jiwapy;glhl;nkwgoggpaYk;khztp **M.mUe;jjp**mth;fs;nkwpbfhs;Sk;"**nfhitkhtl;ljjpy;11-15taJcss;sgs;spbry;Yk;FHe;ijfspd;cly;gUkidMuha;jy;**" gwwpa Ma;tpy; bra;Kiw kwWk; midj;Jtpsf;f';fisak;nfl;Lf;bfhz;L vdJ ren;jf';fis bjhptpgLj;jpf;bfhz;nld;vdgij bjhptpj;Jf;bfhs;fpnwd;

ehd;,e;j Ma;tpy;,e;j gs;spFHe;ijfis fye;Jbfhs;s KGrkak;jj;JlDk;/Rarpe;jidapDk; rkak;jpf;fpnwd;

,e;j Ma;tpy; gs;spFHe;ijfs; gwwpa midj;Jtpgu';fs; ghJfhf;fg;gLtJld; ,jd; Kot[fs; Ma;tpjHpy; btspapLggLtjpy; Mlnrgiz ,y;iy vdgij bjhptpj;Jf;bfhs;fpnwd;ve;j neuj;jpYk;,e;j Ma;tpy; ,Ue;J ehd; tpyfpf;bfhs;s vdfF chpik czL vdgijak;mwpntd;

,lk;

njjp

ANNEXURE - 2

REVISED TABLE FOR SCALES IN 2012 TO DEFINE SOCIOECONOMIC STATUS

(A) Education Score		
1	Profession or Honours	*7*
2	Graduate or post graduate	*6*
3	Intermediate or post high school diploma	*5*
4	High school certificate	*4*
5	Middle school certificate	*3*
6	Primary school certificate	*2*
7	Illiterate	*1*

(B) Occupation Score		
1	Profession	*10*
2	Semi-Profession	*6*
3	Clerical, Shop-owner, Farmer	*5*
4	Skilled worker	*4*
5	Semi-skilled worker	*3*
6	Unskilled worker	*2*
7	Unemployed	*1*

(C) Monthly family income in Rs		*Score*	*Modified for 1998* [3] *in* Rs	Modified for 2012 in Rs
1	≥ 2000	*12*	≥ 13500	≥32050
2	1000-1999	*10*	6750 - 13499	*16020 – 32049*
3	750-999	*6*	5050 - 6749	*12020 – 16019*
4	500-749	*4*	3375 - 5049	*8010 – 12019*
5	300-499	*3*	2025 - 3374	*4810 – 8009*
6	101-299	*2*	676 - 2024	*1601 – 4809*
7	≤ 100	*1*	≤ 675	*≤ 1600*

Total Score	Socioeconomic class
26-29	Upper (I)
16-25	Upper Middle (II)
11-15	Middle/Lower middle (III)
5-10	Lower/Upper lower (IV)
<5	Lower (V)

ANNEXURE - 3

HEIGHT(cm) CENTILES AND STANDARD DEVIATION FOR BOYS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	99.0	102.3	105.6	108.9	112.4	115.9	119.4	5.7
5.5	101.6	105.0	108.4	111.9	115.4	119.0	122.7	5.3
6.0	104.2	107.7	111.2	114.8	118.5	122.2	126.0	5.6
6.5	106.8	110.4	114.0	117.8	121.6	125.4	129.3	5.5
7.0	109.3	113.0	116.8	120.7	124.6	128.6	132.6	5.9
7.5	111.8	115.7	119.6	123.5	127.6	131.7	135.9	5.7
8.0	114.3	118.2	122.3	126.4	130.5	134.8	139.1	6.3
8.5	116.7	120.8	124.9	129.1	133.4	137.8	142.2	6.1
9.0	119.0	123.2	127.5	131.8	136.3	140.7	145.3	6.4
9.5	121.3	125.6	130.0	134.5	139.1	143.7	148.3	6.4
10.0	123.6	128.1	132.6	137.2	141.9	146.6	151.4	6.8
10.5	125.9	130.5	135.2	139.9	144.7	149.5	154.4	6.5
11.0	128.2	133.0	137.8	142.7	147.6	152.5	157.5	7.6
11.5	130.7	135.6	140.6	145.5	150.5	155.6	160.6	7.3
12.0	133.2	138.3	143.3	148.4	153.5	158.6	163.7	8.1
12.5	135.7	141.0	146.2	151.4	156.5	161.7	166.8	7.9
13.0	138.3	143.7	149.0	154.3	159.5	164.7	169.9	9.0
13.5	140.9	146.4	151.8	157.2	162.4	167.6	172.7	8.4
14.0	143.4	149.0	154.5	159.9	165.1	170.3	175.4	9.0
14.5	145.8	151.5	157.0	162.3	167.6	172.7	177.7	7.8
15.0	148.0	153.7	159.2	164.5	169.7	174.8	179.7	7.9
15.5	150.0	155.7	161.2	166.5	171.6	176.5	181.4	6.6
16.0	151.8	157.4	162.9	168.1	173.1	178.0	182.7	7.2
16.5	153.4	159.1	164.5	169.6	174.5	179.3	183.8	6.7
17.0	155.0	160.6	165.9	171.0	175.8	180.4	184.8	6.9
17.5	156.6	162.1	167.3	172.3	177.0	181.5	185.8	6.1
18.0	158.1	163.6	168.7	173.6	178.2	182.5	186.7	6.9

ANNEXURE - 4

HEIGHT(cm) CENTILES AND STANDARD DEVIATION FOR GIRLS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	97.2	100.5	103.9	107.5	111.3	115.2	119.3	5.4
5.5	99.8	103.2	106.8	110.5	114.4	118.3	122.5	5.7
6.0	102.3	106.0	109.7	113.5	117.4	121.5	125.6	5.8
6.5	104.9	108.7	112.5	116.5	120.5	124.6	128.7	5.5
7.0	107.4	111.4	115.4	119.4	123.5	127.7	131.9	6.1
7.5	110.0	114.1	118.2	122.4	126.6	130.8	135.0	6.0
8.0	112.6	116.8	121.1	125.4	129.6	133.9	138.1	6.2
8.5	115.2	119.6	124.0	128.4	132.7	137.0	141.3	6.8
9.0	117.8	122.4	126.9	131.4	135.8	140.2	144.5	6.9
9.5	120.5	125.2	129.9	134.4	138.9	143.3	147.6	6.6
10.0	123.3	128.1	132.8	137.4	142.0	146.4	150.8	7.8
10.5	126.1	130.9	135.7	140.4	145.0	149.5	153.9	7.3
11.0	128.8	133.7	138.6	143.3	147.9	152.4	156.8	7.9
11.5	131.5	136.4	141.2	145.9	150.6	155.1	159.6	7.1
12.0	134.0	138.9	143.7	148.4	153.0	157.5	162.0	7.0
12.5	136.3	141.1	145.8	150.5	155.1	159.6	164.1	6.7
13.0	138.2	142.9	147.6	152.2	156.8	161.3	165.9	6.9
13.5	139.9	144.5	149.1	153.6	158.2	162.7	167.2	6.0
14.0	141.3	145.8	150.2	154.7	159.2	163.7	168.2	6.6
14.5	142.4	146.8	151.1	155.5	160.0	164.5	169.0	5.9
15.0	143.3	147.5	151.8	156.1	160.5	165.0	169.5	6.6
15.5	144.1	148.1	152.3	156.6	160.9	165.3	169.8	5.9
16.0	144.7	148.6	152.7	156.9	161.2	165.6	170.1	6.1
16.5	145.2	149.1	153.1	157.2	161.4	165.7	170.2	6.4
17.0	145.7	149.5	153.4	157.4	161.6	165.9	170.4	6.5
17.5	146.2	149.8	153.6	157.6	161.7	166.0	170.5	6.7
18.0	146.6	150.2	153.9	157.8	161.9	166.1	170.6	6.6

ANNEXURE - 5

WEIGHT(Kg) CENTILES AND STANDARD DEVIATION FOR BOYS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	13.2	14.3	15.6	17.1	19.0	21.3	24.2	3.2
5.5	13.8	15.0	16.5	18.2	20.3	22.9	26.1	2.9
6.0	14.5	15.8	17.4	19.3	21.7	24.6	28.3	3.6
6.5	15.3	16.8	18.6	20.7	23.3	26.6	30.8	3.8
7.0	16.0	17.6	19.6	21.9	24.9	28.6	33.4	4.2
7.5	16.7	18.5	20.7	23.3	26.6	30.8	36.2	4.9
8.0	17.5	19.5	21.9	24.8	28.5	33.2	39.4	5.7
8.5	18.3	20.5	23.2	26.4	30.5	35.7	42.6	6.5
9.0	19.1	21.5	24.3	27.9	32.3	38.0	45.5	6.3
9.5	19.9	22.4	25.6	29.4	34.3	40.5	48.6	7.0
10.0	20.7	23.5	26.9	31.1	36.3	43.0	51.8	7.9
10.5	21.6	24.6	28.3	32.8	38.5	45.8	55.2	8.3
11.0	22.6	25.9	29.8	34.7	40.9	48.7	58.7	8.9
11.5	23.8	27.3	31.6	36.9	43.5	51.8	62.5	9.3
12.0	24.9	28.7	33.3	39.0	46.0	54.8	66.1	10.0
12.5	26.1	30.2	35.1	41.2	48.6	57.8	69.5	10.6
13.0	27.5	31.8	37.0	43.3	51.1	60.7	72.6	11.3
13.5	29.0	33.6	39.1	45.7	53.8	63.6	75.6	11.4
14.0	30.7	35.5	41.3	48.2	56.4	66.3	78.3	12.1
14.5	32.6	37.7	43.7	50.8	59.1	69.1	80.9	11.6
15.0	34.5	39.8	45.9	53.1	61.6	71.5	83.1	12.1
15.5	36.1	41.6	47.9	55.2	63.6	73.4	84.7	11.2
16.0	37.5	43.1	49.5	56.8	65.2	74.8	85.8	12.2
16.5	38.7	44.4	50.9	58.2	66.6	76.1	86.8	12.6
17.0	39.8	45.6	52.1	59.5	67.8	77.1	87.5	12.3
17.5	40.8	46.7	53.2	60.6	68.7	77.8	88.0	12.3
18.0	41.8	47.7	54.3	61.6	69.7	78.6	88.4	11.3

ANNEXURE - 6

WEIGHT(Kg) CENTILES AND

STANDARD DEVIATION FOR GIRLS

Age	*3*	*10*	*25*	*50*	*75*	*90*	*97*	*SD*
5.0	12.3	13.4	14.8	16.4	18.5	21.3	25.0	2.5
5.5	13.0	14.3	15.7	17.6	19.9	22.9	27.0	3.5
6.0	13.7	15.1	16.7	18.7	21.3	24.6	29.1	3.4
6.5	14.4	15.9	17.7	19.9	22.7	26.3	31.2	4.1
7.0	15.1	16.8	18.7	21.2	24.2	28.2	33.4	4.4
7.5	15.9	17.7	19.9	22.5	25.9	30.1	35.7	4.8
8.0	16.7	18.7	21.1	24.0	27.6	32.2	38.1	5.2
8.5	17.5	19.7	22.3	25.5	29.5	34.4	40.7	6.4
9.0	18.5	20.9	23.7	27.2	31.5	36.7	43.4	6.4
9.5	19.5	22.1	25.3	29.0	33.6	39.3	46.3	6.9
10.0	20.7	23.5	26.9	31.0	36.0	42.0	49.4	7.7
10.5	22.0	25.1	28.8	33.2	38.4	44.8	52.6	8.3
11.0	23.3	26.7	30.7	35.4	41.0	47.7	55.9	8.5
11.5	24.8	28.4	32.6	37.6	43.6	50.6	59.1	9.1
12.0	26.2	30.0	34.5	39.8	46.0	53.4	62.1	9.0
12.5	27.6	31.6	36.3	41.8	48.2	55.8	64.8	9.7
13.0	28.9	33.1	37.9	43.6	50.2	57.9	67.1	9.4
13.5	30.2	34.4	39.4	45.1	51.8	59.7	69.0	9.8
14.0	31.3	35.6	40.6	46.4	53.2	61.1	70.4	9.6
14.5	32.3	36.6	41.7	47.5	54.3	62.2	71.4	9.4
15.0	33.1	37.5	42.5	48.4	55.1	62.9	72.1	9.6
15.5	34.0	38.3	43.3	49.1	55.8	63.5	72.5	8.7
16.0	34.7	39.1	44.0	49.7	56.3	64.0	72.8	8.7
16.5	35.5	39.8	44.7	50.3	56.9	64.4	73.1	9.2
17.0	36.2	40.5	45.3	50.9	57.3	64.7	73.3	8.8
17.5	36.9	41.1	46.0	51.5	57.8	65.0	73.4	9.5
18.0	37.6	41.8	46.6	52.0	58.2	65.3	73.5	10.2

ANNEXURE- 7

BODY MASS INDEX PERCENTILE AND STANDARD DEVIATION FOR BOYS

Age	*3*	*5*	*10*	*25*	*50*	*23 Eq(71)*	*27 Eq(90)*	*SD*
5.0	12.1	12.4	12.8	13.6	14.7	15.7	17.5	1.6
5.5	12.2	12.4	12.9	13.7	14.8	15.8	17.6	1.5
6.0	12.2	12.5	12.9	13.7	14.9	16.0	17.8	1.8
6.5	12.3	12.5	13.0	13.8	15.0	16.1	18.0	1.8
7.0	12.3	12.6	13.1	13.9	15.1	16.3	18.2	1.9
7.5	12.4	12.7	13.2	14.1	15.3	16.5	18.5	2.2
8.0	12.5	12.8	13.3	14.2	15.5	16.7	18.8	2.5
8.5	12.6	12.9	13.4	14.4	15.7	17.0	19.2	2.8
9.0	12.7	13.0	13.5	14.5	15.9	17.3	19.6	2.6
9.5	12.8	13.1	13.7	14.7	16.2	17.6	20.1	2.8
10.0	12.9	13.2	13.8	14.9	16.4	18.0	20.5	3.1
10.5	13.0	13.3	14.0	15.1	16.7	18.3	21.0	3.2
11.0	13.1	13.5	14.1	15.4	17.0	18.7	21.5	3.2
11.5	13.2	13.6	14.3	15.6	17.3	19.1	22.1	3.3
12.0	13.3	13.8	14.5	15.8	17.7	19.5	22.6	3.4
12.5	13.5	13.9	14.6	16.0	17.9	19.8	23.0	3.6
13.0	13.6	14.0	14.8	16.3	18.2	20.2	23.4	3.5
13.5	13.7	14.2	14.9	16.5	18.5	20.5	23.8	3.7
14.0	13.8	14.3	15.1	16.7	18.7	20.8	24.2	3.7
14.5	14.0	14.5	15.3	16.9	19.0	21.1	24.5	3.5
15.0	14.2	14.7	15.5	17.2	19.3	21.4	24.9	3.7
15.5	14.4	14.9	15.8	17.4	19.6	21.7	25.2	3.4
16.0	14.6	15.1	16.0	17.7	19.9	22.0	25.5	3.7
16.5	14.9	15.4	16.3	18.0	20.2	22.4	25.8	3.8
17.0	15.1	15.6	16.6	18.3	20.5	22.6	26.0	3.8
17.5	15.4	15.9	16.8	18.6	20.8	22.9	26.3	3.6
18.0	15.6	16.2	17.1	18.9	21.1	23.2	26.6	3.2

ANNEXURE - 8

BODY MASS INDEX PERCENTILE AND STANDARD DEVIATION FOR GIRLS

Age	*3*	*5*	*10*	*25*	*50*	*23 Eq(75)*	*27 Eq(95)*	*SD*
5.0	11.9	12.1	12.5	13.3	14.3	15.5	18.0	1.4
5.5	11.9	12.2	12.6	13.4	14.4	15.7	18.3	1.7
6.0	12.0	12.2	12.7	13.5	14.5	15.9	18.6	1.7
6.5	12.1	12.3	12.8	13.6	14.7	16.1	18.9	2.0
7.0	12.1	12.4	12.8	13.7	14.9	16.4	19.3	2.1
7.5	12.2	12.5	12.9	13.9	15.1	16.6	19.7	2.2
8.0	12.3	12.6	13.1	14.0	15.3	16.9	20.1	2.3
8.5	12.3	12.7	13.2	14.2	15.6	17.2	20.5	2.7
9.0	12.4	12.8	13.3	14.4	15.8	17.6	21.0	2.7
9.5	12.5	12.9	13.5	14.6	16.1	18.0	21.4	2.8
10.0	12.7	13.1	13.7	14.9	16.5	18.4	21.9	2.9
10.5	12.8	13.2	13.9	15.2	16.8	18.8	22.5	3.1
11.0	13.0	13.4	14.1	15.5	17.2	19.3	23.0	3.1
11.5	13.2	13.7	14.4	15.8	17.6	19.8	23.6	3.3
12.0	13.4	13.9	14.7	16.1	18.0	20.2	24.1	3.2
12.5	13.7	14.2	15.0	16.5	18.4	20.7	24.7	3.3
13.0	13.9	14.4	15.2	16.8	18.8	21.1	25.2	3.2
13.5	14.1	14.6	15.5	17.1	19.1	21.5	25.6	3.5
14.0	14.3	14.9	15.7	17.3	19.4	21.8	25.9	3.4
14.5	14.5	15.1	16.0	17.6	19.7	22.0	26.2	3.3
15.0	14.7	15.2	16.1	17.8	19.9	22.3	26.3	3.4
15.5	14.9	15.4	16.3	18.0	20.1	22.4	26.4	3.1
16.0	15.0	15.6	16.5	18.2	20.3	22.6	26.5	3.1
16.5	15.2	15.8	16.7	18.4	20.4	22.8	26.6	3.2
17.0	15.4	16.0	16.9	18.6	20.6	22.9	26.7	3.0
17.5	15.5	16.1	17.1	18.7	20.8	23.1	26.7	3.1
18.0	15.7	16.3	17.3	18.9	21.0	23.2	26.8	3.6

ANNEXURE -9

SMOOTHED AND WEIGHTED AGE AND SEX SPECIFIC WAIST CIRCUMFERENCE PERCENTILE VALUES (cm) FOR INDIAN CHILDREN 3-16 YEARS OF AGE

Sex	Age (y)	Percentiles							
		5th	10th	25th	50th	75th	85th	90th	95th
Boys	3	42.9	44.0	46.0	48.4	51.1	52.7	53.9	55.7
	4	44.1	45.3	47.4	49.9	52.8	54.5	55.7	57.6
	5	45.2	46.5	48.7	51.5	54.6	56.4	57.8	59.8
	6	46.3	47.6	50.1	53.1	56.5	58.6	60.0	62.4
	7	47.4	48.8	51.5	54.8	58.6	60.9	62.5	65.2
	8	48.5	50.0	52.9	56.6	60.8	63.4	65.2	68.2
	9	49.6	51.3	54.4	58.4	63.1	66.0	68.1	71.5
	10	50.8	52.6	56.0	60.4	65.6	68.8	71.1	74.9
	11	52.2	54.1	57.8	62.5	68.1	71.7	74.2	78.5
	12	53.7	55.7	59.6	64.7	70.7	74.6	77.4	82.0
	13	55.4	57.6	61.7	67.0	73.4	77.5	80.4	85.4
	14	57.4	59.6	63.9	69.4	76.1	80.3	83.4	88.5
	15	59.7	62.0	66.3	72.0	78.7	83.0	86.1	91.3
	16	62.4	64.7	69.0	74.7	81.3	85.5	88.6	93.6
Girls	3	44.3	45.3	47.1	49.3	51.8	53.3	54.4	56.1
	4	44.6	45.7	47.7	50.2	52.9	54.6	55.8	57.7
	5	45.3	46.5	48.7	51.4	54.5	56.4	57.8	59.9
	6	46.3	47.6	49.9	52.9	56.4	58.6	60.1	62.6
	7	47.5	48.9	51.5	54.8	58.7	61.1	62.8	65.6
	8	48.9	50.4	53.2	56.8	61.1	63.8	65.8	69.0
	9	50.5	52.1	55.1	59.0	63.7	66.7	68.9	72.4
	10	52.2	53.9	57.1	61.3	66.4	69.6	72.0	75.9
	11	54.0	55.8	59.2	63.7	69.1	72.5	75.0	79.3
	12	55.8	57.7	61.3	66.0	71.6	75.2	77.9	82.3
	13	57.7	59.7	63.4	68.2	74.0	77.7	80.4	84.9
	14	59.7	61.7	65.4	70.2	76.1	79.7	82.5	87.0
	15	61.7	63.7	67.3	72.1	77.7	81.3	83.9	88.2
	16	63.7	65.6	69.1	73.6	79.0	82.3	84.7	88.6

Age: completed age, e.g. 3 y = 3.00-3.99 y

ANNEXURE - 10

SMOOTHED AND WEIGHTED AGE AND SEX SPECIFIC WAIST - HEIGHT(WHT) RATIO PERCENTILE VALUES FOR INDIAN CHILDREN 3-16 YEARS OF AGE

Sex	Age (y)	Percentiles							
		5th	10th	25th	50th	75th	85th	90th	95th
Boys	3	0.44	0.45	0.47	0.50	0.52	0.54	0.55	0.56
	4	0.43	0.44	0.46	0.49	0.51	0.53	0.54	0.56
	5	0.42	0.43	0.45	0.48	0.51	0.52	0.53	0.55
	6	0.41	0.42	0.45	0.47	0.50	0.51	0.52	0.54
	7	0.40	0.41	0.44	0.46	0.49	0.51	0.52	0.54
	8	0.39	0.41	0.43	0.45	0.48	0.50	0.51	0.53
	9	0.38	0.40	0.42	0.45	0.48	0.49	0.51	0.53
	10	0.38	0.39	0.41	0.44	0.47	0.49	0.50	0.52
	11	0.37	0.38	0.41	0.43	0.47	0.49	0.50	0.52
	12	0.37	0.38	0.40	0.43	0.46	0.48	0.50	0.52
	13	0.36	0.38	0.40	0.43	0.46	0.48	0.50	0.52
	14	0.36	0.38	0.40	0.43	0.46	0.49	0.50	0.52
	15	0.37	0.38	0.40	0.43	0.47	0.49	0.50	0.53
	16	0.37	0.39	0.41	0.44	0.48	0.50	0.51	0.53
Girls	3	0.46	0.47	0.49	0.51	0.54	0.55	0.56	0.58
	4	0.45	0.46	0.47	0.50	0.52	0.54	0.55	0.56
	5	0.43	0.44	0.46	0.48	0.51	0.52	0.53	0.55
	6	0.42	0.43	0.45	0.47	0.50	0.51	0.52	0.54
	7	0.41	0.42	0.44	0.46	0.49	0.51	0.52	0.54
	8	0.40	0.41	0.43	0.46	0.48	0.50	0.51	0.53
	9	0.39	0.41	0.43	0.45	0.48	0.50	0.51	0.53
	10	0.39	0.40	0.42	0.45	0.48	0.50	0.51	0.54
	11	0.39	0.40	0.42	0.45	0.48	0.50	0.52	0.54
	12	0.39	0.40	0.42	0.45	0.48	0.50	0.52	0.54
	13	0.39	0.40	0.42	0.45	0.49	0.51	0.52	0.55
	14	0.39	0.40	0.42	0.45	0.49	0.51	0.53	0.55
	15	0.39	0.41	0.43	0.46	0.49	0.52	0.53	0.56
	16	0.40	0.41	0.44	0.47	0.50	0.52	0.54	0.56

Age: completed age, e.g. 3 y = 3.00-3.99 y

ABBREVIATION

SCHOOL:

P- PRIVATE SCHOOL

G-GOVERNMENT SCHOOL

EDUCATIONAL STATUS :

I – ILLITERATE

PS : PRIMARY SCHOOL (1-5 TH STD)

MS : MIDDLE SCHOOL (6 – 8 STD)

HS : HIGH SCHOOL (9 – 10 TH STD)

PHS : POST HIGH SCHOOL (11-12 TH STD)

D : DEGREE

PG : POST GRATUATE

P : PROFESSIONAL AND HONOURS

PROFESSION :

UE : UN EMPLOYED

US : UN SKILLED

S S : SEMI SKILLED

S : SKILLED

F : SHOP AND AGRICULTURE

SP : SEMI PROFESSIONAL

P : PROFESSIONAL

INCOME :

A - < 1600RS

B : 1600 RS – 4809 RS

C : 4810RS – 8009 RS

D : 8010RS - 12019RS

E : 12020 RS – 16019 RS

F : 16020 RS -32049 RS

G : > 32050RS

LIVING WITH

P : PARENTS

G : GUARDIAN

GP : GRAND PARENT

SNACKS

H : HEALTHY

UH : UNHEALTY

EXTRA-CURRICULAR ACTIVITIES

I : INDOOR

O : OUTDOOR

SOCIAL ECONOMICS STATUS

CLASS 1

CLASS 2

CLASS 3

CLASS 4

CLASS 5

ESTIMATION OF OBESITY PROJECT

S No	Name	Age	Sex	Std	School private=Ppublic=G	Father Age	Father edu. QI I,PS,MS,HS,PHS,D,PG	Father Profession UE,US,SS,S,F,SP,P	Mother Age	Mother edu. QI L,PS,MS,HS PHS,D,PD	Mother Profession UE,US,SS,S, SP,P	Income A,B,C,D,E,F,G	Living with parent/ GP / guardian	No of siblings	No of members in family	Snacks eaten everyday H/UH	No of hrs watching Tv	No of meals tkn watching TV	Extra curricular activities I/O	Night sleeping time	Morning waking time	SES	Weight in KG	Height in CM	Waist circumfrence CM	BMI	W/H ratio	Obesity as per BMI	Obesity as per WC	Obesity as per W/Hratio
1	PIOUS S VINSTEN	11	M	7	P	48	D	SH	45	PD	P	C	P		3	UH	4	2	O	10.00	6.00	CLASS 3	53	160	83	20.70	0.52		OBESE	OBESE
2	RIYAS KHAN	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	O	8.50	5.00	CLASS 3	28	142	56	13.89	0.39			
3	JOSHUA	11	M	7	P	45	D	P	35	D	S	B	P	1	4	UH	2.5	1	O	10.00	5.50	CLASS 4	39	135	71	21.40	0.53		OBESE	OBESE
4	BHARATH KUMAR	11	M	7	P	42	MS	SH	31	HS	S	C	P	1	4	UH	4	1	O	10.00	4.00	CLASS 3	28	132	64	16.07	0.48			
5	BALA SANGESH	11	M	7	P	54	MS	UE	40	PS	S	C	P	1	4	H	2	1	O	9.50	6.50	CLASS 3	35	143	69	17.12	0.48			
6	B.AKASH	11	M	7	P	42	MS	S	33	HS	S	B	P		3	UH	2	1	O	9.50	6.50	CLASS 3	29	137	65	15.45	0.47			
7	A.ABIRAM	11	M	7	P	41	HS	SS	34	MS	SS	C	P	1	4	UH	3	3	O	8.50	5.50	CLASS 3	48	154	76	20.24	0.49		OBESE	
8	SATHISH	14	M	7	P	47	MS	UE	42	MS	S	C	P	1	4	UH	3	1	O	9.50	6.30	CLASS 3	30	144	61	14.47	0.42			
9	S. CHARAN	14	M	7	P	47	HS	S	38	MS	US	C	P	1	4	UH	2	1	O	11.00	5.50	CLASS 3	31	140	62	15.82	0.44			
10	VARUN	14	M	7	P	36	MS	UE	32	MS	S	C	P	1	4	UH	5	1	O	10.00	7.50	CLASS 3	39	169	61	13.65	0.36			
11	THOWSHIF AHMED	13	M	7	P	42	MS	US	31	MS	UE	C	P	1	4	UH	2.5	1	O	9.50	5.50	CLASS 3	44	160	61	17.19	0.38			
12	HARIHARAN	13	M	7	P	36	HS	S	34	HS	S	C	P	1	4	H	4	1	O	10.00	6.00	CLASS 3	39.7156	156	60	16.32	0.38			
13	GAUTHAM	13	M	7	P	42	MS	S	37	IL	UE	B	P	1	4	H	4	1	O	9.00	5.00	CLASS 3	29	139	56	15.01	0.40			
14	AM.F ASHIF AHMED	13	M	7	P	40	HS	US	30	MS	UE	C	P	3	6	UH	2	1	O	9.00	6.00	CLASS 3	37	151	59	16.23	0.39			
15	NARENDRAN	13	M	7	P	42	HS	S	38	MS	UE	C	P	1	4	UH	4	1	O	9.50	7.00	CLASS 3	38.5	156	61	15.82	0.39			
16	ABDULLAH	13	M	7	P	50	MS	S	42	HS	UE	D	P	1	4	UH	3	1	O	12.00	7.00	CLASS 3	32	142	55	15.87	0.39			
17	ARUN SELVAN	12	M	7	P	36	MS	US	32	HS	UE	C	P	1	4	UH	1	1	O	9.00	6.00	CLASS 3	37.1	148	57	16.94	0.39			
18	SUHAIL	11	M	7	P	37	MS	S	39	HS	UE	B	P	2	7	UH	2	1	O	9.50	6.00	CLASS 3	23	136	50	12.44	0.37			
19	SUJEETH	11	M	7	P	34	MS	S	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 3	22	134	47	12.25	0.35			
20	SANTRO	11	M	7	P	41	D	P	30	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	28	144	53	13.50	0.37			
21	G.S SURESH	11	M	7	P	46	MS	US	32	MS	UE	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 3	39	144	64	18.81	0.44			
22	SABARI KARTHIK	13	M	7	P	45	MS	S	39	MS	UE	C	P	1	4	UH	2	1	O	10.50	5.50	CLASS 3	31	144	54	14.95	0.38			
23	SANOOP	13	M	8	P	46	MS	US	-	-	-	C	G	2	5	H	3	3	O	9.00	6.00	CLASS 3	61	155	32	25.39	0.21			
24	SUNDARESAN	13	M	8	P	43	D	S	36	MS	UE	C	P	1	4	UH	2	1	O	10.00	7.00	CLASS 3	38	147	61	17.59	0.41			
25	FRANCIS	13	M	8	P	43	MS	SS	33	PS	S	C	P	2	5	UH	2	1	O	9.00	7.00	CLASS 3	36	150	53	16.00	0.35			
26	NISHAD	13	M	8	P	42	I	US	38	PS	UE	C	P	2	5	UH	3	3	O	10.00	6.00	CLASS 2	51	158	70	20.43	0.44			
26	ANEES	13	M	8	P	41	PS	SS	32	HS	UE	D	P	1	4	UH	1	1	O	11.00	6.30	CLASS 3	38	152	64	16.45	0.42			
27	SYED IRSHAD	13	M	8	P	40	I	F	38	MS	UE	D	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	34	152	56	14.72	0.37			
28	MOHAMMAD	13	M	8	P	39	I	S	36	MS	UE	D	P	2	5	H	3	0	O	9.00	6.00	CLASS 2	42	155	62	17.48	0.40			
29	NIZAR	13	M	8	P	41	PS	US	36	PS	UE	D	P	2	5	H	3	2	I	11.00	6.00	CLASS 3	29	145	55	13.79	0.38			
30	SREEHARAN	13	M	8	P	39	HS	S	32	MS	UE	D	P	1	4	UH	2	2	O	9.00	6.00	CLASS 2	50	155	71	20.81	0.46			

31	KARTHIKRAJA	13	M	8	P	37	PS	US	32	HS	UE	D	P	1	4	UH	2	0	O	9.00	6.00	CLASS 3	39	157	56	15.82	0.36			
32	ROSHAN	13	M	8	P	41	MS	S	35	PS	UE	D	P	2	5	H	2	0	O	8.30	6.30	CLASS 3	28	143	50	13.69	0.35			
33	ARSHAD	13	M	8	P	41	HS	S	32	PHS	UE	C	P	1	4	H	3	0	O	12.00	8.00	CLASS 3	27	135	54	14.81	0.40			
34	KARTHIKRAJA	13	M	8	P	45	HS	S	44	HS	UE	D	G	1	4	UH	3	3	O	9.00	6.00	CLASS 3	38	153	57	16.23	0.37			
35	PRASANNA KUMAR	13	M	8	P	-	-	-	36	HS	S	D	P	0	2	UH	1.5	2	O	10.30	5.30	CLASS 3	37	148	60	16.89	0.41			
36	SHEIK MUSHRAF	13	M	8	P	42	PMS	S	36	PHS	UE	D	P	1	4	H	1	0	O	10.00	5.40	CLASS 3	32	142	57	15.87	0.40			
37	RAHUL	13	M	8	P	45	PS	S	43	MS	S	D	P	1	4	UH	1	2	I	10.00	7.00	CLASS 3	35	145	54	16.65	0.37			
38	THOUFEEK	13	M	8	P	35	MS	US	30	PS	UE	D	P	2	6	H	0	0	O	10.00	6.00	CLASS 3	33	133	63	18.66	0.47			
39	KANNAN	13	M	8	P	-	-	-	-	-	-	-	GP	1	4	UH	3	3	I	10.00	7.00	CLASS 3	47	155	68	19.56	0.44			
40	GAJENDRAN	13	M	8	P	48	HS	S	43	HS	UE	D	P	1	4	H	3	1	O	9.00	5.00	CLASS 3	45	162	69	17.15	0.43			
41	SANJAY	13	M	8	P	40	MS	S	37	MS	UE	E	P	1	5	UH	1	0	O	10.30	6.30	CLASS 3	54	148	65	24.65	0.44			
42	HARHARAN	13	M	8	P	44	PS	US	40	D	P	E	P	1	4	H	2	0	O	9.30	6.30	CLASS 2	29	140	51	14.80	0.36			
43	VYSHNAV	13	M	8	P	46	MS	UE	38	PHS	S	D	P	1	4	H	4	2	O	10.00	6.00	CLASS 3	40	156	60	16.44	0.38			
44	JAGANATHAN	13	M	8	P	45	PHS	S	42	D	S	G	P	1	4	UH	1.5	1	I	8.00	5.50	CLASS 2	36	148	55	16.44	0.37			
45	GOPALA KRISHNAN	13	M	8	P	45	HS	S	45	HS	UE	E	P	1	4	H	1	1	O	9.30	6.30	CLASS 3	46	156	67	18.90	0.43			
46	DINESHKUMAR	13	M	8	P	46	MS	S	42	HMS	UE	E	P	1	4	UH	3	3	I	9.00	6.00	CLASS 3	31	150	51	13.78	0.34			
47	ARSHAD AHAMED	13	M	7	P	45	HS	US	42	PHS	S	D	P	0	3	UH	3	3	O	8.00	5.40	CLASS 3	34	142	57	16.86	0.40			
48	ANANDHA RAJ	13	M	8	P	46	MS	S	41	MS	UE	D	P	2	6	H	2	2	I	10.00	6.00	CLASS 3	49	162	63	18.67	0.39			
49	MOHAMMAD AFSAR	13	M	8	P	47	MS	US	41	HS	UE	D	P	2	5	H	5	2	I	10.00	6.30	CLASS 4	44	143	68	21.52	0.48			
50	SATHYA NARAYANAN	13	M	8	P	43	MS	S	38	MS	US	E	P	1	4	UH	0.5	0	I	9.30	6.00	CLASS 3	34	145	55	16.17	0.38			
51	RAJESH	13	M	8	P	42	MS	S	33	MS	UE	D	P	1	4	UH	1	1	O	9.00	6.00	CLASS 3	33	145	67	15.70	0.46			
52	ANAZ	14	M	7	P	45	HS	US	40	HS	UE	F	P	2	5	UH	3	3	O	9.00	6.00	CLASS 2	40	152	69	17.31	0.45			
53	PRACHAD	14	M	8	P	36	PS	US	38	HS	S	E	P	0	3	UH	2	2	O	9.00	6.00	CLASS 3	37	153	64	15.81	0.42			
54	SANJAY	14	M	8	P	32	PHS	S	28	HS	UE	F	P	2	5	UH	1	0	O	9.00	6.00	CLASS 2	36	155	58	14.98	0.37			
55	VENKATESHWARAN	14	M	8	P	38	HS	S	36	D	P	F	P	1	4	UH	3	2	O	10.00	6.00	CLASS 1	31	144	55	14.95	0.38			
56	PARTHIBAN	14	M	8	P	42	PHS	S	40	MS	UE	F	P	1	4	UH	1.5	1	I	9.00	6.30	CLASS 2	25	132	52	14.35	0.39			
57	UMAR	14	M	8	P	43	MS	US	39	PS	UE	F	P	1	4	UH	1	0	O	10.00	7.30	CLASS 3	34	142	58	16.86	0.41			
58	SAI VIGNESH	14	M	8	P	45	HS	F	45	MD	UE	F	P	3	6	UH	2	2	O	10.00	7.00	CLASS 2	46	154	70	19.40	0.45			
59	SRIKANTH	14	M	8	P	40	PHS	S	35	HS	UE	D	P	2	5	UH	2	1	O	9.00	7.00	CLASS 3	35	149	60	15.77	0.40			
60	NEWTON FELIX	14	M	8	P	-	-	-	43	MS	US	C	P	1	3	UH	1	0	O	10.30	5.30	CLASS 4	57	164	72	21.19	0.44			
61	ABDUL ADIL	14	M	8	P	49	MS	S	46	MS	UE	D	P	2	5	UH	1	1	O	9.00	6.00	CLASS 3	49	160	63	19.14	0.39			
62	PRAVEEN	14	M	8	P	44	PS	US	38	HS	US	D	P	1	4	H	2.5	0	I	10.00	6.30	CLASS 4	37	153	60	15.81	0.39			
63	MOHAMMED	14	M	8	P	34	I	US	32	HS	UE	D	P	1	4	UH	2	2	O	9.00	6.00	CLASS 4	43	162	62	16.38	0.38			
64	ABDUL MUNAF	14	M	8	P	42	PHS	S	35	HS	UE	E	P	2	5	UH	1	0	-	9.00	6.00	CLASS 3	44	165	61	16.16	0.37			

65	MANOJ KUMAR	14	M	8	P	45	MS	F	39	PS	UE	E	P	0	3	UH	3	1	I	10.00	7.10	CLASS 3	79	163	86	29.73	0.53	OBESE	OBESE	OBESE
66	GOKULA KRISHNAN	14	M	8	P	45	MS	S	43	MS	S	C	P	1	4	UH	1	1	I	10.50	6.50	CLASS 4	35	146	55	16.42	0.38			
67	MOHAMMAD HARSHAD	14	M	8	P	45	HS	S	40	HS	UE	C	P	1	4	H	4	3	O	9.00	6.00	CLASS 3	23	130	51	13.61	0.39			
68	SHAN SEMIL	13	M	8	P	-	-	-	36	HS	S	B	P	0	2	UH	3	0	O	9.00	5.30	CLASS 4	45	155	65	18.73	0.42			
69	SERALATHAN	11	M	7	P	45	MS	S	42	MS	UE	B	P	1	4	UH	0.5	0	O	10.45	4.45	CLASS 4	26	140	59	13.27	0.42			
70	HARI	13	M	7	P	35	HS	F	30	PHS	UE	E	P	1	4	UH	3	3	I	11.00	5.30	CLASS 2	57	157	84	23.12	0.54		OBESE	OBESE
71	HARIKUMAR	13	M	7	P	41	HS	S	34	PHS	UE	C	P	1	4	UH	0.5	1	O	9.00	6.30	CLASS 3	28	140	60	14.29	0.43			
72	AAKASH	13	M	7	P	44	PHS	F	39	HS	S	G	P	1	6	UH	6	3	I	10.30	6.00	CLASS 2	47	159	76	18.59	0.48		OBESE	
73	SRI KANTH	13	M	7	P	42	HS	F	37	D	UE	C	P	1	4	UH	1.3	1	O	10.30	6.30	CLASS 3	35	146	71	16.42	0.49			
74	SOUNDAERAJAN	13	M	7	P	39	PHS	F	38	PHS	UE	B	P	1	4	UH	1	1	O	9.30	6.30	CLASS 3	40	149	70	18.02	0.47			
75	JOHNSON	13	M	7	P	-	-	-	35	MS	US	B	P	1	3	UH	3	0.3	O	10.30	6.30	CLASS 4	49	155	77	20.40	0.50		OBESE	OBESE
76	CHIRANJIVI	12	M	7	P	41	MS	F	27	MS	S	C	P	0	3	H	3	1	O	9.00	6.30	CLASS 3	37	145	58	17.60	0.40			
77	AFSAL	12	M	7	P	45	MS	F	41	HS	UE	C	P	1	4	UH	1.5	1	I	10.10	6.00	CLASS 3	36	150	67	16.00	0.45		OBESE	OBESE
78	ABISHEK	12	M	7	P	40	HS	S	35	PHS	UE	B	P	2	5	UH	1	1	O	9.00	7.00	CLASS 3	35	150	70	15.56	0.47			
79	SAMUEL	12	M	7	P	45	PS	F	39	D	P	G	P	1	4	UH	4	1	O	10.00	6.00	CLASS 1	44	159	76	17.40	0.48		OBESE	
80	SHANE	12	M	7	P	35	D	SP	32	D	SP	G	P	1	4	UH	5	3	O	9.00	6.15	CLASS 2	67	166	90	24.31	0.54		OBESE	OBESE
81	SOLOMON RAJA DANIEL	12	M	7	P	50	HS	F	47	PHS	UE	C	P	3	6	UH	1	1	I	10.00	6.00	CLASS 3	38	147	69	17.59	0.47			
82	THPWFICK ROSHAN	12	M	7	P	43	PS	US	27	HS	UE	C	P	1	4	UH	3	1	O	9.30	6.00	CLASS 4	27	142	56	13.39	0.39			
83	RUFUS	13	M	7	P	41	D	S	39	D	UE	C	P	1	4	UH	1	1	I	9.00	7.00	CLASS 3	42	150	71	18.67	0.47			
84	LASHAN KUMAR	13	M	7	P	46	PHS	F	45	HS	UE	C	P	1	4	UH	3	1	O	9.00	7.00	CLASS 2	38	151	73	16.67	0.48			
85	VISHNU PRAKASH	12	M	7	P	44	MS	S	41	PS	UE	C	P	0	3	UH	5	1	I	8.30	7.00	CLASS 4	31	140	64	15.82	0.46			
86	VISHNU	12	M	7	P	45	MS	S	41	MS	S	D	P	1	4	UH	4	1	O	10.00	6.00	CLASS 3	31	140	60	15.82	0.43			
87	VIGNESH KUMAR	12	M	7	P	47	D	P	35	PHS	S	C	P	1	5	UH	1	1	I	10.00	7.00	CLASS 2	34	154	70	14.34	0.45			
88	NANDHA KUMAR	12	M	7	P	44	HS	S	38	MS	UE	D	P	1	4	UH	2	1	O	9.30	4.45	CLASS 3	24	135	56	13.17	0.41			
89	NAGENDRAN	12	M	7	P	32	HS	US	29	MS	UE	C	P	1	6	UH	1	1	I	9.30	5.00	CLASS 4	46	148	74	21.00	0.50		OBESE	OBESE
90	MOHAMMAD AZARUDEEN	12	M	7	P	41	HS	F	39	PHS	F	C	P	1	4	UH	0.5	1	O	10.00	6.30	CLASS 3	24	135	54	13.17	0.40			
91	KISHORE	12	M	7	P	44	PS	F	41	PHS	UE	F	P	1	7	UH	3	0	I	8.00	5.00	CLASS 2	30	145	61	14.27	0.42			
92	JAYASURYA	12	M	7	P	38	PS	S	33	PHS	UE	C	P	1	4	UH	2	1	I	11.00	7.00	CLASS 3	45	157	75	18.26	0.48		OBESE	
93	IRISH AARON	12	M	7	P	43	PHS	SP	42	PHS	SP	E	P	1	4	UH	3.5	2	O	10.00	6.00	CLASS 2	36	150	70	16.00	0.47			
94	GOKULA KRISHNAN	12	M	7	P	39	PS	F	34	HS	UE	C	P	1	4	UH	6	1	O	11.30	7.00	CLASS 3	29	145	61	13.79	0.42			
95	JANARTHANAN	14	M	8	P	43	MS	S	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	42	160	63	16.41	0.39			
96	HARAASARAN	14	M	8	P	58	PHS	S	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 3	30	157	57	12.17	0.36			
97	VISHNU	15	M	8	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	39	159	56	15.43	0.35			
98	SURYA	14	M	8	P	40	HS	S	35	D	UE	D	P	1	4	UH	4	2	I	11.00	7.00	CLASS 3	41	157	65	16.63	0.41			

99	ASHIQ	14	M	8	P	38	HS	US	36	HS	UE	C	P	1	4	UH	4	1	O	8.00	5.00	CLASS 4	36	147	58	16.66	0.39			
100	MUSTHAFA	14	M	8	P	39	PS	F	29	HS	UE	C	P	2	5	UH	2	1	O	9.00	5.00	CLASS 3	34	155	65	14.15	0.42			
101	SANDEEP	14	M	8	P	42	PHS	S	38	HS	UE	D	P	1	8	UH	2	0	O	9.30	6.00	CLASS 3	38	152	59	16.45	0.39			
102	SANJAY KUMAR	14	M	8	P	38	MS	S	35	HS	UE	B	P	1	4	H	2	0	I	10.00	7.00	CLASS 2	28	148	54	12.78	0.36			
103	THEJAS	14	M	8	P	52	D	SP	41	D	UE	C	P	1	4	UH	2	2	O	10.30	6.00	CLASS 3	42	146	64	19.70	0.44			
104	ABDUL RAZAK	12	M	7	P	43	MS	F	33	MS	UE	C	P	2	6	UH	3	1	I	9.00	6.45	CLASS 3	39	140	75	19.90	0.54		OBESE	OBESE
105	HARI KRISHNAN	12	M	7	P	39	PHS	S	35	HS	S	E	P	1	5	UH	2	1	I	10.00	6.45	CLASS 3	42	138	78	22.05	0.57		OBESE	OBESE
106	ABLAH	13	M	8	P	40	PS	F	35	PHS	UE	C	P	1	4	UH	4	1	O	9.30	7.30	CLASS 3	32	138	57	16.80	0.41			
107	JERALD	12	M	8	P	45	HS	S	33	D	SP	E	P	1	4	UH	3	0	O	10.00	6.00	CLASS 2	43	168	66	15.24	0.39			
108	DHALHA	12	M	8	P	43	D	S	39	MS	UE	C	P	1	4	UH	0.5	0	O	10.00	5.00	CLASS 3	47	166	65	17.06	0.39			
109	ROSHAN ASRAF	13	M	8	P	44	HS	S	38	HS	UE	C	P	1	4	UH	3	0	O	10.30	6.00	CLASS 3	40	158	60	16.02	0.38			
110	RAGUF	13	M	8	P	44	HS	S	38	HS	UE	C	P	1	5	UH	4	1	O	10.30	6.00	CLASS 3	30	154	56	12.65	0.36			
111	PARTHIBAN	13	M	8	P	45	MS	S	42	MS	S	D	P	1	8	UH	4	1	O	10.00	7.00	CLASS 3	43	152	76	18.61	0.50		OBESE	OBESE
112	SAMUEL	14	M	8	P	47	PHS	S	42	HS	UE	C	P	0	3	UH	2	0	I	10.00	7.00	CLASS 3	34	136	54	18.38	0.40			
113	THANISH	14	M	8	P	40	HS	F	34	D	UE	E	P	1	5	UH	5	2	I	10.00	6.00	CLASS 2	34	169	60	11.90	0.36			
114	SIVA	14	M	8	P	32	PHS	S	29	HS	UE	C	P	1	4	UH	2	2	O	9.00	6.00	CLASS 3	28	137	51	14.92	0.37			
115	BALA KRISHNAN	15	M	8	P	45	HS	F	39	PHS	F	C	P	1	4	UH	1	0	O	10.00	6.00	CLASS 3	40	175	70	13.06	0.40			
116	VIGNESH	14	M	8	P	43	-	-	39	-	-	-	G	2	JF	UH	4	1	O	9.30	7.00	CLASS 5	38	156	61	15.61	0.39			
117	NAWAS SHERIF	14	M	8	P	45	HS	S	35	MS	UE	C	P	2	5	UH	2	0	I	10.30	6.40	CLASS 3	45	155	65	18.73	0.42			
118	SARAVANA MURUIGAN	14	M	8	P	52	MS	US	46	HS	UE	B	P	2	5	UH	4	3	I	8.30	5.30	CLASS 4	45	143	73	22.01	0.51			OBESE
119	SIMON	13	M	8	P	48	HS	S	42	HS	UE	C	P	2	5	UH	2	0	O	10.00	6.00	CLASS 3	40	159	58	15.82	0.36			
120	DURGAVARANTH	13	M	8	P	45	MS	US	36	MS	S	B	P	1	4	H	0.3	1	O	11.00	7.00	CLASS 4	50	170	68	17.30	0.40			
121	SHRRIF SHMED	13	M	8	P	39	MS	US	34	HS	S	C	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	39	152	60	16.88	0.39			
122	BALAKRISHNAN	13	M	8	P	32	MS	S	30	MS	S	A	P	1	4	UH	3	1	O	9.00	7.00	CLASS 3	40	147	68	18.51	0.46			
123	ANAS	13	M	8	P	40	MS	F	32	HS	UE	C	P	2	5	UH	3	0	O	11.00	6.30	CLASS 3	35	145	58	16.65	0.40			
124	ARAVINTHAN	13	M	8	P	40	PS	F	35	MS	UE	E	P	0	3	UH	5	1	O	11.00	6.00	CLASS 3	42	148	64	19.17	0.43			
125	SATHISH	13	M	8	P	52	HS	S	46	MS	S	C	P	1	4	UH	3	3	O	10.00	6.00	CLASS 3	25	136	51	13.52	0.38			
126	FAZILIKRAM	12	M	8	P	38	HS	S	30	PS	UE	C	P	1	4	UH	2	1	O	9.00	6.00	CLASS 3	35	153	62	14.95	0.41			
127	ANVAR	13	M	8	P	47	MS	S	40	PS	UE	B	P	0	3	UH	5	2	O	10.00	8.00	CLASS 4	60	170	76	20.76	0.45		OBESE	
128	PREMKUMAR	13	M	8	P	45	D	SP	37	D	UE	C	P	1	6	UH	2	3	I	9.00	6.30	CLASS 3	30	149	52	13.51	0.35			
129	THAMEEZ	12	M	8	P	47	PS	S	40	HS	UE	B	P	2	6	UH	2	1	O	10.00	6.00	CLASS 4	40	156	64	16.44	0.41			
130	PRAGADEEWARAN	13	M	8	P	43	HS	S	39	HS	UE	C	P	1	JF	UH	4	1	O	9.30	6.00	CLASS 3	35	149	59	15.77	0.40			
131	KRISHNAKANTH	13	M	8	P	43	HS	S	38	MS	UE	C	P	1	5	UH	5	2	O	11.00	7.00	CLASS 3	40	160	71	15.63	0.44			
132	AJAY	13	M	8	P	43	PHS	F	32	HS	UE	E	P	2	4	UH	5	1	I	10.00	7.00	CLASS 2	52	162	76	19.81	0.47		OBESE	

133	SELVAGANESH	13	M	8	P	45	HS	S	36	PS	S	C	P	1	4	UH	2	2	I	10.30	6.40	CLASS 3	40	154	65	16.87	0.42			
134	MAHESH KUMAR	13	M	8	P	45	MS	S	35	PS	UE	D	P	1	4	UH	6	3	O	10.00	7.00	CLASS 3	25	140	56	12.76	0.40			
135	STEVE JOHANSON	13	M	8	P	47	D	SP	40	PHS	UE	C	P	1	4	UH	2	2	O	10.00	5.00	CLASS 3	32	151	51	14.03	0.34			
136	MANOJ	13	M	8	P	45	PHS	S	37	HS	UE	F	P	2	5	UH	3	2	O	10.00	4.00	CLASS 2	35	146	52	16.42	0.36			
137	KISHORE	13	M	8	P	43	PHS	S	39	MS	UE	C	P	1	4	UH	5	2	O	10.00	7.00	CLASS 3	45	148	60	20.54	0.41			
138	SANJAY	12	M	7	P	42	MS	S	39	MS	UE	C	P	1	4	UH	1	0	O	9.00	6.00	CLASS 4	25	128	50	15.26	0.39			
139	SUHAIL RAHUMAN	12	M	7	P	38	PHS	F	32	HS	UE	C	P	1	7	UH	1	1	O	10.00	7.00	CLASS 3	42	144	73	20.25	0.51		OBESE	OBESE
140	SHIYATH AHMED	12	M	7	P	52	HS	F	47	PHS	UE	G	P	2	5	UH	4	1	O	12.00	6.00	CLASS 2	42	161	59	16.20	0.37			
141	VISWANATH	12	M	7	P	40	HS	S	36	HS	UE	C	P	1	4	H	1	1	I	9.00	6.30	CLASS 3	31	151	52	13.60	0.34			
142	SABARI VASAN	12	M	7	P	42	HS	F	37	MS	UE	C	P	1	4	H	1	1	I	9.00	6.30	CLASS 3	40	159	61	15.82	0.38			
143	GNANA VIGNESH	12	M	7	P	53	MS	S	40	MS	UE	B	P	0	3	H	1	1	O	10.00	7.00	CLASS 4	35	141	62	17.60	0.44			
144	ROSHAN	12	M	7	P	38	HS	S	36	MS	UE	F	P	2	5	UH	3	1	O	10.00	7.00	CLASS 2	43	151	65	18.86	0.43			
145	SALMAN HUSSAIN	13	M	7	P	40	MS	F	33	PHS	UE	C	P	2	5	UH	2	1	O	11.00	7.00	CLASS 3	40	145	62	19.02	0.43			
146	ASHIF AHMED	12	M	7	P	38	HS	S	35	HS	UE	C	P	1	4	UH	3	1	I	10.00	6.00	CLASS 3	51.1	150	74	22.71	0.49		OBESE	
147	MOHAMMED ISSAK	12	M	7	P	52	HS	S	45	PHS	UE	C	P	2	4	UH	2	1	O	10.00	6.30	CLASS 3	29.6	144	55	14.27	0.38			
148	ABISHEK	12	M	7	P	39	HS	S	31	MS	UE	D	P	1	4	UH	3	1	O	9.00	6.00	CLASS 3	34	143	57	16.63	0.40			
149	MUGESH	12	M	7	P	41	HS	F	37	PHS	UE	C	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	33	149	54	14.86	0.36			
150	GOKUL KRISHNAN	12	M	7	P	39	MPS	S	37	HS	UE	B	P	1	4	UH	3	1	O	10.00	7.00	CLASS 4	29	138	57	15.23	0.41			
151	DEVA PRASATH	12	M	7	P	40	PS	F	32	HS	UE	A	P	4	7	UH	1	1	O	8.00	7.00	CLASS 4	42	149	62	18.92	0.42			
152	PRABHU RAM	12	M	7	P	60	PS	F	53	HS	UE	B	P	1	4	UH	1	1	O	9.00	6.30	CLASS 3	35	144	60	16.88	0.42			
153	KARTHIKAN	12	M	7	P	40	MS	S	35	HS	S	D	P	1	4	H	1	1	O	10.00	7.00	CLASS 3	28	138	53	14.70	0.38			
154	PRANAV	12	M	7	P	42	PHS	F	35	PHS	UE	C	P	2	5	UH	3	1	I	10.00	7.00	CLASS 3	32	144	53	15.43	0.37			
155	MOHAMMED SHEFAAN	12	M	8	P	46	PHS	F	34	MS	UE	C	P	2	5	UH	2.3	1	O	10.00	6.00	CLASS 3	34	150	53	15.11	0.35			
156	SHIVAA	12	M	8	P	40	D	P	35	PHS	SP	E	P	2	5	UH	1	1	I	9.00	6.00	CLASS 2	35	150	57	15.56	0.38			
157	MOHAMMED IYAS	13	M	8	P	35	HPHS	S	32	HS	UE	G	P	1	4	UH	3	3	O	8.00	6.00	CLASS 2	35	155	59	14.57	0.38			
158	KRISHNA GEETHAN	12	M	8	P	39	PHS	S	35	PHS	UE	D	P	1	4	UH	2	1	I	10.00	6.00	CLASS 3	31	148	51	14.15	0.34			
159	UMAR FARUK	14	M	8	P	43	MS	F	39	MS	UE	D	P	1	4	UH	1	0	O	10.00	7.30	CLASS 3	34	142	58	16.86	0.41			
160	MAHALAKSHMI	13	F	8	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	42	155	65	17.48	0.42			
161	UMA MAHESWARI	13	F	8	G	40	MS	F	35	PS	UE	C	P	1	4	UH	3	2	I	11.00	7.00	CLASS 3	30	151	77	13.16	0.51		OBESE	OBESE
162	PAVITHRA	13	F	8	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	39	157	62	15.82	0.39			
163	KRITHIKA	13	F	8	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	35.5	151	58	15.57	0.38			
164	NIVETHA	13	F	8	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	34	152	61	14.72	0.40			
165	DEVI PRIYA	13	F	8	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	49	148	72	22.37	0.49			
166	POORNIMA	13	F	8	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	36	143	64	17.60	0.45			

167	SUIKSHA	13	F	8	G	36	MS	US	35	MS	US	B	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	33	150	56	14.67	0.37			
168	PAKSHANA	13	F	8	G	36	MS	US	35	MS	US	C	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	48	151	70	21.05	0.46			
169	SAI SHREE	13	F	8	G	42	IL	US	35	IL	US	B	P	2	5	UH	1	3	O	9.00	6.00	CLASS 4	34	153	61	14.52	0.40			
170	SWETHA	13	F	8	G	34	MS	S	33	PHS	UE	C	P	1	4	UH	2	1	O	8.30	6.00	CLASS 3	31	142	66	15.37	0.46			
171	VARSHA	13	F	8	G	40	MS	S	38	MS	UE	B	P	2	5	UH	2	1	O	9.30	6.00	CLASS 3	33	148	57	15.07	0.39			
172	KARTHIKA LAKSHMI	13	F	8	G	40	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	30	139	60	15.53	0.43			
173	SHOBIKA	13	F	8	G	40	HS	US	35	MS	US	B	P	0	3	UH	1.3	3	O	8.00	6.00	CLASS 4	34	161	61	13.12	0.38			
174	GOWTHAMI	13	F	8	G	40	HS	S	38	MS	US	C	P	0	3	UH	6	1	O	9.30	5.30	CLASS 3	51	150	84	22.67	0.56		OBESE	OBESE
175	DIVYA LAKSHMI	13	F	8	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	2	2	I	9.00	6.00	CLASS 4	41	157	64	16.63	0.41			
176	NANDHINI	13	F	8	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	47	157	67	19.07	0.43			
177	YAMUNA	13	F	8	G	38	HS	S	35	HS	UE	C	P	1	4	UH	2	2	I	10.00	6.30	CLASS 3	49	150	81	21.78	0.54		OBESE	OBESE
178	MINI	13	F	8	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	28	147	57	12.96	0.39			
179	MADHIVADHINI	14	F	9	G	42	PHS	S	40	HS	UE	D	P	0	5	UH	3	3	I	9.45	7.00	CLASS 3	61	163	81	22.96	0.50		OBESE	OBESE
180	SHAMINI	14	F	9	G	48	PHS	F	45	PS	UE	C	P	1	4	UH	2	1	I	10.00	7.00	CLASS 3	55	160	77	21.48	0.48		OBESE	
181	RAJESWARI	14	F	9	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	2	3	I	9.00	6.00	CLASS 4	43	152	55	18.61	0.36			
182	SAGAYA JENITTA	14	F	9	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	38	148	30	17.35	0.20			
183	MYTHILI	14	F	9	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	53	161	71	20.45	0.44			
184	LAKSHANA	14	F	9	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	1.3	2	I	9.00	6.00	CLASS 4	49	154	67	20.66	0.44			
185	ANISHA FATHIMA	14	F	9	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	46	160	62	17.97	0.39			
186	YUVASRI	14	F	9	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	40	159	58	15.82	0.36			
187	PRIYANGA	14	F	9	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	87	167	97	31.20	0.58	OBESE	OBESE	OBESE
188	SOWNDARYA	14	F	9	G	45	MS	US	40	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	51	152	76	22.07	0.50		OBESE	OBESE
189	HARSHA	14	F	9	G	40	HS	S	35	HS	UE	C	P	1	4	UH	2	3	I	10.00	6.00	CLASS 3	48	156	72	19.72	0.46			
190	KRISHNAKUMARI	14	F	9	G	46	HS	SP	39	HS	UE	E	P	1	4	H	4	1	I	8.00	7.00	CLASS 2	43	156	68	17.67	0.44			
191	SATHYA	15	F	9	G	39	D	F	35	D	UE	G	P	1	4	H	2	1	I	8.00	6.00	CLASS 2	55	153	80	23.50	0.52		OBESE	OBESE
192	ABINAYA	14	F	9	G	40	D	F	36	D	UE	B	P	2	5	UH	2	2	I	9.00	6.00	CLASS 3	37	135	77	20.30	0.57		OBESE	OBESE
193	VAISHNAVI	14	F	9	G	42	PHS	S	36	PHS	UE	F	P	1	4	UH	1	1	O	9.00	6.00	CLASS 2	53	159	75	20.96	0.47			
194	RAMYA	14	F	9	G	40	D	P	35	D	UE	F	P	1	4	H	3	1	I	9.00	6.00	CLASS 1	61	162	93	23.24	0.57		OBESE	OBESE
195	VARSHINI	14	F	9	G	54	HS	S	44	HS	UE	C	P	0	3	H	3	1	I	8.00	6.30	CLASS 3	61	162	93	23.24	0.57		OBESE	OBESE
196	JOTHIKA	14	F	9	G	54	PHS	F	44	HS	F	E	P	1	4	H	4	2	I	9.00	6.30	CLASS 3	61	162	93	23.24	0.57		OBESE	OBESE
197	PANDIN REENA	14	F	9	G	42	D	P	39	D	UE	F	P	1	4	UH	2	1	I	11.00	7.00	CLASS 1	53	159	80	20.96	0.50		OBESE	OBESE
198	KAVIARASHE	14	F	9	G	-	-	-	41	HS	S	B	P	0	3	UH	3	2	I	9.00	5.00	CLASS 4	53	159	82	20.96	0.52		OBESE	OBESE
199	SNEGA	13	F	9	G	45	D	F	40	HS	UE	D	P	1	5	UH	1	1	O	12.00	8.00	CLASS 3	56	159	72	22.15	0.45			
200	GAYATHRI	13	F	9	G	50	I	US	42	PHS	UE	B	P	1	4	UH	3	1	I	9.00	7.00	CLASS 4	47	148	78	21.46	0.53		OBESE	OBESE

201	MUFEENA	15	F	9	G	48	D	S	39	D	S	F	P	0	3	H	5	2	I	10.00	6.00	CLASS 2	55	153	80	23.50	0.52		OBESE	OBESE
202	NANDHINI	14	F	9	G	45	D	P	40	D	UE	G	P	1	4	UH	2	1	I	10.00	6.00	CLASS 1	40	148	70	18.26	0.47			
203	SINDUZA	14	F	9	G	40	HS	US	35	HS	US	B	P	1	4	UH	3	1	I	11.00	7.00	CLASS 4	55	140	78	28.06	0.56	OBESE	OBESE	OBESE
204	SNEHA	13	F	9	G	-	-	-	29	PHS	S	B	P	1	4	H	4	2	I	9.00	6.00	CLASS 3	52	151	82	22.81	0.54		OBESE	OBESE
205	NANDHINI	14	F	9	G	43	D	P	38	PS	UE	G	P	1	4	UH	4	1	I	11.00	7.00	CLASS 1	54	140	78	27.55	0.56	OBESE	OBESE	OBESE
206	AARSHIYA	15	F	9	G	40	D	P	33	PHS	UE	F	P	1	4	H	2	1	I	9.00	6.00	CLASS 1	56	165	75	20.57	0.45			
207	DURGA NANDHINI	15	F	9	G	42	MS	S	36	PHS	UE	B	P	0	3	H	2	2	I	10.00	6.00	CLASS 3	56	165	76	20.57	0.46			
208	KOWSALYA	13	F	9	G	39	PHS	F	33	PS	UE	F	P	1	5	UH	3	1	I	10.00	7.30	CLASS 2	47	148	78	21.46	0.53		OBESE	OBESE
209	DHARANI	14	F	9	G	46	D	P	40	D	UE	G	P	1	4	UH	2	1	I	9.00	5.30	CLASS 1	50	142	79	24.80	0.56		OBESE	OBESE
210	SWETHA	14	F	9	G	42	PHS	S	39	PHS	UE	D	GP	1	4	UH	4	2	O	10.00	7.30	CLASS 3	60	145	83	28.54	0.57	OBESE	OBESE	OBESE
211	SWETHA	13	F	9	G	45	D	F	32	PS	UE	C	P	1	4	UH	3	1	I	10.00	6.30	CLASS 3	56	159	83	22.15	0.52		OBESE	OBESE
212	NALINA	15	F	9	G	37	MS	US	32	I	UE	B	P	1	4	UH	0	0	O	10.00	5.30	CLASS 4	40	156	69	16.44	0.44			
213	SHREEMATHI	15	F	9	G	43	PHS	F	35	MS	UE	D	P	1	4	UH	1.3	1	O	9.00	7.00	CLASS 3	40	156	69	16.44	0.44			
214	MANJU	13	F	9	G	40	D	F	38	D	P	G	P	1	4	UH	3.3	3	I	10.00	7.30	CLASS 1	50	152	74	21.64	0.49			
215	AFRIN ROSHINI	14	F	9	G	45	D	S	36	PHS	UE	D	P	1	4	UH	2	1	I	8.00	6.00	CLASS 3	49	165	75	18.00	0.45			
216	KALISHWARI	13	F	9	G	42	D	P	37	HS	UE	G	P	2	5	UH	4	3	I	9.00	7.30	CLASS 1	50	152	74	21.64	0.49			
217	MANGALESWARI	13	F	9	G	42	HS	F	37	HS	UE	B	G	2	5	H	0	0	I	10.00	5.30	CLASS 1	50	152	74	21.64	0.49			
218	PRIYANGA	14	F	9	G	40	PG	P	35	PG	UE	G	P	2	5	H	2	1	O	10.00	6.00	CLASS 1	49	165	70	18.00	0.42			
219	VAISHNAVI	14	F	9	G	40	D	P	35	PG	P	F	P	1	5	UH	2	2	O	10.00	6.30	CLASS 1	51	165	72	18.73	0.44			
220	VISHNUPRIYA	13	F	9	G	40	HS	S	35	PHS	UE	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 1	47	158	76	18.83	0.48			
221	SHAREENA JASMIN	15	F	9	G	54	D	F	48	HS	UE	G	P	2	5	UH	5	1	O	10.00	6.00	CLASS 2	50	161	80	19.29	0.50		OBESE	
222	ANUSHYA	14	F	9	G	42	PHS	S	32	HS	S	B	P	1	4	UH	3	1	I	10.00	6.30	CLASS 3	51	165	78	18.73	0.47		OBESE	
223	GNANA SOWNDARYA	13	F	9	G	45	PHS	F	40	HS	F	F	P	1	4	UH	2	1	O	9.00	6.30	CLASS 2	44	155	74	18.31	0.48			
224	LANSHYA THERASA	13	F	9	G	45	D	P	40	PHS	UE	G	G	1	4	H	3	2	I	9.00	6.00	CLASS 1	44	155	74	18.31	0.48			
225	SUBIKSHA	13	F	9	G	43	PHS	S	40	MS	UE	C	P	1	4	UH	3	1	O	9.00	6.30	CLASS 3	47	158	72	18.83	0.46			
226	SUSHMITHA	15	F	9	G	50	PG	F	43	D	UE	F	P	2	6	H	2	1	O	9.00	6.30	CLASS 2	50	161	76	19.29	0.47			
227	SHEVANTHIGA	13	F	9	G	43	D	F	32	PHS	UE	B	P	1	4	UH	3	1	O	9.00	6.00	CLASS 3	44	155	74	18.31	0.48			
228	HEMAPRIYA	14	F	9	G	40	PG	P	39	PHS	UE	G	P	1	4	UH	2	1	O	9.00	6.00	CLASS 1	43	153	74	18.37	0.48			
229	CHANDRI	13	F	9	G	42	D	P	36	D	UE	F	P	1	4	H	4	1	I	9.00	6.30	CLASS 1	40	159	69	15.82	0.43			
230	MOHANA	14	F	9	G	46	PG	P	40	PHS	UE	F	P	1	4	H	3	1	O	10.00	7.00	CLASS 1	37	155	71	15.40	0.46			
231	SUMITHRA	14	F	9	G	49	D	P	42	PHS	UE	G	P	1	4	UH	2	2	I	9.00	7.00	CLASS 1	49	164	77	18.22	0.47		OBESE	
232	YUHASINI	13	F	9	G	42	HS	S	36	HS	UE	C	P	1	7	UH	2	1	I	10.00	5.30	CLASS 1	40	159	69	15.82	0.43			
233	CHARULATHA	14	F	9	G	49	D	S	42	D	UE	G	GP	1	6	H	2	0	I	10.00	7.30	CLASS 4	49	164	77	18.22	0.47		OBESE	
234	PRAMIKA	14	F	9	G	40	D	P	35	D	UE	G	P	1	5	UH	2	1	O	10.00	7.00	CLASS 1	42	157	72	17.04	0.46			

235	SRI RANJANI	14	F	9	G	60	PHS	SP	49	HS	UE	B	P	2	5	UH	2	1	I	10.00	7.00	CLASS 3	43	153	74	18.37	0.48			
236	PAVITHRA	14	F	9	G	57	PHS	F	56	PHS	UE	C	P	1	6	UH	2	1	O	9.00	6.30	CLASS 3	41	161	76	15.82	0.47			
237	VINITHA	14	F	9	G	49	PHS	S	42	PHS	UE	C	P	1	4	H	2	2	O	11.00	7.00	CLASS 3	49	164	77	18.22	0.47		OBESE	
238	SWETHA	14	F	9	G	45	HS	F	32	HS	UE	B	P	1	4	UH	2	2	O	10.00	6.00	CLASS 3	43	152	74	18.61	0.49			
239	SANDHYA PRIYA	14	F	9	G	45	D	P	32	D	UE	G	P	0	3	H	4	2	O	10.00	7.30	CLASS 1	43	152	74	18.61	0.49			
240	HEMALATHA	14	F	9	G	40	PS	US	35	MS	F	C	P	0	3	UH	2	1	I	12.00	6.30	CLASS 3	42	157	72	17.04	0.46			
241	BEULAH	14	F	9	G	46	D	P	45	D	UE	E	P	1	4	H	2	1	I	10.00	6.30	CLASS 2	37	155	71	15.40	0.46			
242	JEEVITHA	14	F	9	G	60	D	F	49	D	UE	G	P	0	3	H	4	3	O	8.00	6.00	CLASS 2	43	153	74	18.37	0.48			
243	NEERAJA	14	F	9	G	46	PHS	F	45	HS	F	D	P	1	4	UH	2	1	O	8.00	6.00	CLASS 3	37	155	71	15.40	0.46			
244	AKSHAYA	14	F	9	G	54	PHS	F	48	PHS	UE	G	P	2	5	UH	4	2	I	12.00	7.30	CLASS 2	45	145	65	21.40	0.45			
245	HARINI	14	F	9	G	37	HS	S	36	HS	S	C	P	1	4	UH	2	2	I	10.00	7.00	CLASS 3	33	152	61	14.28	0.40			
246	BHUVANESHWARI	13	F	9	G	45	PG	SP	40	PHS	UE	C	P	0	4	UH	2	2	I	10.00	6.30	CLASS 2	36	160	66	14.06	0.41			
247	MRIDULA	14	F	9	G	46	D	SP	39	D	UE	D	P	1	4	H	2	1	O	10.00	6.30	CLASS 3	39	156	67	16.03	0.43			
248	SANDHYA	14	F	9	G	46	D	F	39	PG	P	G	P	1	4	H	2	2	I	10.00	7.30	CLASS 1	39	156	67	16.03	0.43			
249	SIVARANJANI	14	F	9	G	46	D	SP	41	D	SP	G	P	1	4	H	2	1	O	10.00	6.30	CLASS 4	41	157	68	16.63	0.43			
250	ABINAYA	14	F	9	G	41	HS	S	36	MS	UE	B	P	1	4	UH	2	0	I	10.00	5.30	CLASS 4	41	157	68	16.63	0.43			
251	DEEPALAKSHMI	14	F	9	G	57	D	SP	56	D	UE	F	P	1	6	H	2	1	I	9.00	7.30	CLASS 2	41	161	66	15.82	0.41			
252	CHITRA	14	F	9	G	42	D	S	39	D	S	G	P	1	4	UH	3	2	O	10.00	6.30	CLASS 2	44	153	70	18.80	0.46			
253	SANGEETHA	14	F	9	G	42	P	P	39	P	P	G	P	1	4	H	3	2	O	9.00	6.00	CLASS 1	44	153	70	18.80	0.46			
254	CHANDRIKA	15	F	9	G	46	HS	F	43	D	P	G	P	1	4	H	3	2	I	8.00	7.30	CLASS 2	30	150	68	13.33	0.45			
255	KOWSALYA	14	F	9	G	45	PHS	SP	38	PHS	UE	D	P	1	4	H	1.3	1	I	9.00	6.30	CLASS 3	38	155	66	15.82	0.43			
256	ASIFA	14	F	9	G	45	HS	F	38	HS	UE	D	P	1	4	H	1.3	1	I	9.00	6.30	CLASS 3	36	150	67	16.00	0.45			
257	SWETHA	14	F	9	G	49	HS	S	45	HS	UE	D	P	2	5	UH	1.3	1	I	7.30	5.30	CLASS 3	40	158	70	16.02	0.44			
258	SATHYA	14	F	9	G	46	HS	F	36	HS	UE	C	P	1	4	UH	2	1	I	9.00	6.30	CLASS 3	35	152	69	15.15	0.45			
259	SUVALAKSHMI	13	F	9	G	43	MS	S	32	PS	UE	C	P	2	5	UH	3	2	I	10.00	6.00	CLASS 4	34	155	66	14.15	0.43			
260	VIJAYALAKSHMI	15	F	9	G	46	HS	S	43	PS	UE	F	P	1	4	H	3	2	I	10.00	6.00	CLASS	30	150	68	13.33	0.45			
261	RAMYA DEVI	14	F	9	G	42	D	F	39	PHS	UE	D	P	2	5	H	1.3	1	I	9.00	7.30	CLASS 3	44	153	70	18.80	0.46			
262	FATHIMA ZAHARA	14	F	9	G	49	HS	S	45	HS	UE	B	P	4	7	UH	1.3	2	I	10.00	6.00	CLASS 2	40	158	70	16.02	0.44			
263	SHARMILA	14	F	9	G	45	D	F	33	HS	UE	F	P	1	4	UH	3	1	I	10.00	6.00	CLASS 2	41	155	68	17.07	0.44			
264	ANU	14	F	9	G	46	PHS	S	36	HS	UE	C	P	2	5	UH	2	2	O	10.00	6.00	CLASS 3	35	152	69	15.15	0.45			
265	NAYANISHA	14	F	9	G	36	HS	S	34	HS	S	G	P	1	4	UH	1.3	2	O	10.00	5.30	CLASS 2	37	145	66	17.60	0.46			
266	PRIYADHARSHINI	13	F	9	G	38	PHS	S	35	PHS	UE	D	P	1	4	H	1.3	1	O	9.00	6.30	CLASS 3	41	155	60	17.07	0.39			
267	HARIPRIYA	14	F	9	G	45	PS	-	35	MS	UE	B	P	1	3	UH	2	2	I	10.00	5.30	CLASS 4	41	155	68	17.07	0.44			
268	VAISHNAVI	14	F	9	G	42	MPS	S	38	HS	UE	C	P	1	4	UH	1.3	1	O	9.00	7.30	CLASS 3	38	155	66	15.82	0.43			

269	PRABHAVATHI	14	F	9	G	49	PHS	S	40	PS	UE	C	P	1	4	UH	2	3	I	10.00	5.30	CLASS 3	36	150	67	16.00	0.45			
270	JANANI	14	F	9	G	49	HS	S	40	PHS	UE	C	P	1	4	UH	1.3	2	I	10.00	7.30	CLASS 3	39	150	67	17.33	0.45			
271	SALEENA	14	F	9	G	49	PG	P	40	D	P	G	P	1	4	UH	1.3	1	O	9.00	6.00	CLASS 1	39	150	67	17.33	0.45			
272	SUBASHINI	13	F	9	G	45	HS	F	40	PS	UE	G	P	1	4	UH	1.3	1	O	10.00	5.30	CLASS 2	36	160	66	14.06	0.41			
273	CHANDRAKIRUPHA	14	F	9	G	45	PG	P	34	D	P	G	P	0	3	H	1.3	1	I	10.00	5.30	CLASS 1	45	148	68	20.54	0.46			
274	SHANMUGAPRIYA	15	F	9	G	46	PHS	F	39	PHS	UE	D	P	1	4	UH	0	0	I	9.00	7.00	CLASS 3	43	156	68	17.67	0.44			
275	MOWNIKAPRIYA	15	F	9	G	46	D	P	43	HS	UE	G	P	1	5	UH	3	2	O	8.00	6.30	CLASS 1	30	150	68	13.33	0.45			
276	ISHWARYA	14	F	9	G	57	PG	P	56	D	P	G	P	1	4	UH	3	2	O	9.00	6.30	CLASS 1	41	161	66	15.82	0.41			
277	BAVADHARANI	13	F	9	G	43	PG	P	32	D	UE	G	P	2	5	H	4	3	I	10.00	7.30	CLASS 1	34	155	56	14.15	0.36			
278	MOHANADEEPIKA	14	F	9	G	37	PHS	S	36	PHS	UE	F	P	0	3	UH	4	2	O	9.00	7.30	CLASS 2	33	152	61	14.28	0.40			
279	NAGADEVI	13	F	9	G	43	D	P	32	D	P	G	P	1	6	H	4	2	O	10.00	6.00	CLASS 1	34	155	66	14.15	0.43			
280	KAVIPRIYA	14	F	9	G	45	HS	US	34	MS	UE	D	P	1	4	UH	1.3	1	O	8.00	6.30	CLASS 4	45	148	68	20.54	0.46			
281	SATHYAVANI	13	F	9	G	38	PG	P	35	D	P	G	P	1	4	UH	3	1	O	1.00	6.30	CLASS 1	41	155	60	17.07	0.39			
282	KEERTHANA	14	F	9	G	40	PHS	S	35	HS	UE	E	P	2	5	UH	4	1	O	10.00	6.00	CLASS 3	48	156	76	19.72	0.49			
283	MUTHUMEENAKSHI	14	F	9	G	40	PHS	F	35	HS	UE	D	P	1	4	H	1.3	1	I	10.00	5.30	CLASS 3	48	156	74	19.72	0.47			
284	MYTHILI	14	F	9	G	39	PG	P	35	PG	UE	G	P	1	4	H	1.3	1	O	9.00	6.30	CLASS 1	51	160	70	19.92	0.44			
285	SNEGA	14	F	9	G	44	MS	US	38	HS	UE	C	P	1	4	UH	3	1	i	9.00	7.00	CLASS 4	52	150	80	23.11	0.53		OBESE	OBESE
286	ELAKKIYA	15	F	11	P	43	HS	F	40	D	UE	D	P	1	4	UH	6	4	I	11.00	6.00	CLASS 3	45	164	81	16.73	0.49		OBESE	
287	SURYA	15	F	11	P	48	HS	F	38	D	UE	G	P	1	4	UH	5	4	I	9.00	6.00	CLASS 2	49	170	81	16.96	0.48		OBESE	
288	KANIMOZHI	15	F	11	P	43	D	F	38	D	UE	G	P	2	5	UH	2	0	O	9.30	4.30	CLASS 2	39	153	51	16.66	0.33			
289	ADHITHI	15	F	11	P	48	P	P	38	D	UE	G	P	0	3	UH	3	0	I	8.00	5.00	CLASS 1	42	156	62	17.26	0.40			
290	RAKSHANA SIVAKUMAR	15	F	11	P	45	P	P	37	P	P	G	P	1	4	UH	1.3	0	I	7.00	5.00	CLASS 1	48	155	68	19.98	0.44			
291	LAKSHMI PRATHIBA	15	F	11	P	52	D	F	46	D	P	G	P	0	3	UH	4	4	O	11.00	4.00	CLASS 1	52	150	78	23.11	0.52		OBESE	OBESE
292	VAISHNAVI	15	F	11	P	44	D	P	42	D	P	G	P	0	3	UH	4	3	O	9.00	6.00	CLASS 1	52	165	68	19.10	0.41			
293	RTHARNIMATHI	15	F	11	P	45	P	P	35	D	UE	F	P	1	4	UH	4	0	I	11.00	6.00	CLASS 1	48	155	65	19.98	0.42			
294	ASHIFANA	15	F	11	P	41	HS	F	36	HS	UE	E	P	1	4	UH	3	0	I	10.00	5.30	CLASS 2	50	177	67	15.96	0.38			
295	VISHNU PRIYA	16	F	11	P	42	HS	F	40	HS	UE	F	P	0	5	UH	3	1	O	10.00	6.00	CLASS 2	43	162	79	16.38	0.49			
296	SOWMIYA	15	F	11	P	42	D	F	32	PHS	UE	F	P	1	4	UH	3	1	I	10.30	6.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE
297	KARUNYAVARSHINI	16	F	11	P	46	HS	F	36	HS	UE	G	P	1	4	UH	6	0	O	11.00	5.30	CLASS 2	58	163	78	21.83	0.48			
298	SOWMIYA	15	F	11	P	45	MS	F	40	HS	UE	E	P	1	5	H	3	1	O	10.30	6.00	CLASS 3	55	162	76	20.96	0.47			
299	PAVITHRA	15	F	11	P	40	HS	F	33	HS	UE	G	P	1	4	UH	6	3	I	11.30	4.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE
300	DHANUJA	15	F	11	P	47	PHS	F	37	PHS	UE	G	P	1	4	UH	5	3	I	11.30	6.05	CLASS 2	56	152	82	24.24	0.54		OBESE	OBESE
301	RUBIKA	15	F	11	P	45	PHS	F	35	PHS	UE	G	P	1	4	UH	5	3	O	11.30	6.00	CLASS 2	50	154	68	21.08	0.44			
302	DHARSHINI	15	F	11	P	42	HS	F	38	D	UE	G	P	0	3	UH	6	3	O	11.00	5.30	CLASS 2	56	160	70	21.88	0.44			

303	AKSHAYA BALA VENKATESH	15	F	11	P	41	P	F	39	PHS	UE	F	P	1	4	UH	5	0	I	10.30	5.00	CLASS 2	39	150	70	17.33	0.47				
304	MONISHA	15	F	11	P	48	P	F	42	HS	UE	D	P	1	4	UH	6	3	I	10.00	6.30	CLASS 2	50	152	71	21.64	0.47				
305	PLESSY MATHEW	15	F	11	P	44	D	P	42	D	UE	G	P	1	4	UH	3	1	O	11.30	6.00	CLASS 1	50	157	69	20.28	0.44				
306	ELAKKIYA	15	F	11	P	47	D	F	43	D	UE	F	P	1	5	H	3	1	I	11.00	7.00	CLASS 2	54	162	68	20.58	0.42				
307	SHOBANA	15	F	11	P	41	HS	F	38	HS	UE	G	P	1	4	UH	2	1	O	11.30	5.30	CLASS 3	50	163	66	18.82	0.40				
308	SRINITHI	15	F	11	P	39	HS	F	36	PHS	UE	H	P	0	3	H	1	0	O	9.30	5.00	CLASS 2	38	148	65	17.35	0.44				
309	SOWMIYA	15	F	11	P	38	HS	F	35	PHS	F	G	P	0	3	UH	4	1	I	11.00	4.30	CLASS 2	60	165	78	22.04	0.47		OBESE		
310	SHRUTHI	15	F	11	P	39	HS	F	36	PHS	UE	F	GP	1	4	UH	4	0	I	11.00	5.30	CLASS 2	38	158	63	15.22	0.40				
311	SARUMATHI	15	F	11	P	45	PHS	F	40	HS	UE	E	P	2	5	UH	3	2	O	10.00	6.00	CLASS 2	48	160	66	18.75	0.41				
312	LAVANYA	15	F	11	P	45	HS	F	40	HS	UE	G	P	2	5	UH	5	0	I	10.00	6.00	CLASS 2	45	156	65	18.49	0.42				
313	DEVADHARSHINI	15	F	11	P	45	PHS	F	38	PHS	UE	G	P	1	4	H	3	1	O	11.00	4.00	CLASS 2	40	150	65	17.78	0.43				
314	KEERTHANA	15	F	11	P	40	PHS	F	37	PHS	UE	G	P	1	5	H	1	0	O	11.00	5.00	CLASS 2	45	165	64	16.53	0.39				
315	PRIYADARSHINI	15	F	11	P	47	HS	F	45	HS	UE	F	P	1	4	UH	3	0	I	10.45	7.00	CLASS 2	60	160	80	23.44	0.50		OBESE	OBESE	
316	SOWBARNIYA	15	F	11	P	40	HS	F	35	D	SP	E	P	1	4	H	0	0	O	10.30	5.00	CLASS 2	48	165	65	17.63	0.39				
317	ANUSHIYA	15	F	11	P	48	HS	F	38	HS	UE	F	P	2	5	UH	0	0	I	10.00	4.00	CLASS 2	50	154	76	21.08	0.49				
318	NITHILA SARMUKI	15	F	11	P	47	HS	F	44	D	UE	G	P	1	4	UH	3	1	O	10.30	5.30	CLASS 2	50	158	67	20.03	0.42				
319	SADHANA	15	F	11	P	46	D	F	41	D	UE	G	P	1	6	UH	4	0	I	10.30	6.30	CLASS 2	54	159	92	21.36	0.58		OBESE	OBESE	
320	NANDHINI	15	F	11	P	55	PHS	F	53	HS	UE	G	P	0	3	UH	6	0	O	10.30	9.00	CLASS 2	58	165	92	21.30	0.56				
321	HARIDARSINI	15	F	11	P	45	HS	F	43	D	UE	E	P	0	3	H	0	0	O	10.30	5.00	CLASS 2	53	163	71	19.95	0.44				
322	BANU SREE	15	F	11	P	42	PHS	F	38	PHS	UE	E	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	56	165	79	20.57	0.48				
323	VINESHMA GRACY	15	F	11	P	41	D	F	35	D	UE	F	P	1	4	UH	0	0	I	10.30	4.00	CLASS 2	56	172	81	18.93	0.47				
324	NITHARSANA	15	F	11	P	54	HS	F	43	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	48	163	64	18.07	0.39				
325	KEERTHANA	15	F	11	P	38	D	F	37	PHS	UE	G	P	0	3	UH	G	2	O	9.30	8.00	CLASS 2	48	158	70	19.23	0.44				
326	VAISHNAVI	15	F	11	P	38	PHS	F	32	PHS	F	G	P	1	4	H	4	0	O	11.00	4.00	CLASS 2	45	160	66	17.58	0.41				
327	IDANYA	15	F	11	P	50	PHS	F	37	D	UE	E	P	1	4	UH	2	1	I	11.30	4.30	CLASS 2	51	148	76	23.28	0.51			OBESE	
328	RAGAVI	15	F	11	P	40	D	P	38	PHS	UE	G	P	1	4	UH	4	2	O/I	11.00	4.30	CLASS 1	36	152	63	15.58	0.41				
329	VAVUNIYA	15	F	11	P	51	PHS	F	38	I	UE	E	P	1	4	H	2	1	I	11.00	4.30	CLASS 3	46	152	65	19.91	0.43				
330	SOUNDARYA	15	F	11	P	49	D	P	38	D	UE	E	P	1	4	UH	3	3	I	11.30	6.00	CLASS 2	55	152	80	23.81	0.53		OBESE	OBESE	
331	INDHUMATHI	15	F	11	P	46	D	F	39	PHS	UE	E	P	2	5	H	1	1	O	9.00	6.30	CLASS 2	40	154	64	16.87	0.42				
332	KAVIMALAR	15	F	11	P	46	D	S	40	D	P	E	P	0	4	H	1	1	O	11.00	6.00	CLASS 2	43	160	64	16.80	0.40				
333	HARINI	13	F	8	P	42	D	F	40	D	S	G	P	1	4	H	0	0	I	10.00	4.30	CLASS 2	30	115	75	22.68	0.65		OBESE	OBESE	
334	HARSHINI	13	F	8	P	42	D	F	40	D	S	G	P	1	4	H	0	0	I	10.00	4.30	CLASS 2	35	125	73	22.40	0.58			OBESE	
335	SATHYAPRABHA	13	F	8	P	43	PHS	-	32	PHS	F	G	P	1	3	UH	3	1	I	11.00	7.30	CLASS 3	49	135	76	26.89	0.56		OBESE	OBESE	
336	KEERTHI	13	F	8	P	42	P	F	32	HS	F	F	P	1	4	UH	3	3	I	11.00	7.00	CLASS 2	40	120	75	27.78	0.63	OBESE	OBESE	OBESE	

337	JANANI	13	F	8	P	42	D	S	33	PHS	UE	F	P	1	6	UH	3	3	I	10.00	7.00	CLASS 2	45	128	76	27.47	0.59	OBESE	OBESE	OBESE
338	SAKTHI PRIYA	13	F	8	P	40	PHS	F	36	PHS	F	G	P	0	3	UH	1	1	I	9.30	5.00	CLASS 2	36	126	68	22.68	0.54			OBESE
339	NIKILA VICTOR	13	F	8	P	42	D	P	41	D	P	G	P	1	4	UH	0	0	I	9.30	5.30	CLASS 2	35	126	62	22.05	0.49			
340	MADUMITHA	13	F	8	P	42	PHS	F	36	PHS	UE	F	P	1	4	UH	3	3	I	10.00	6.00	CLASS 2	40	127	75	24.80	0.59		OBESE	OBESE
341	KAVYA	12	F	8	P	41	HS	F	40	MS	UE	G	P	1	4	H	0	0	O	9.45	4.30	CLASS 2	31	130	63	18.34	0.48			
342	RITHIKA	13	F	8	P	43	D	F	31	HS	F	G	P	1	6	H	0	0	I	10.00	5.00	CLASS 1	35	120	75	24.31	0.63	OBESE	OBESE	OBESE
343	SWEDHA	13	F	8	P	44	D	F	40	D	P	G	P	1	4	H	2	2	O	9.00	6.30	CLASS 1	31	120	60	21.53	0.50			OBESE
344	GAYATHRI	13	F	8	P	40	D	F	38	PHS	UE	F	P	2	5	UH	3	5	I	9.30	6.30	CLASS 2	40	135	76	21.95	0.56		OBESE	
345	DHIKSHANA	13	F	8	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	10.00	4.30	CLASS 2	35	125	59	22.40	0.47			
346	SATHYAJOTHI	13	F	8	P	39	D	S	37	D	SP	F	P	0	3	UH	1	1	I	9.30	5.00	CLASS 2	35	126	60	22.05	0.48			
347	SUNITHA	13	F	8	P	45	P	P	35	PHS	P	G	P	1	4	H	2	2	I	9.00	6.00	CLASS 1	38	128	74	23.19	0.58		OBESE	OBESE
348	KAVYA	14	F	8	P	45	HS	F	36	MS	UE	D	P	1	6	H	0	0	O	10.00	4.30	CLASS 3	41	135	60	22.50	0.44			
349	GOWSHIK SHREE	14	F	8	P	39	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 2	38	141	65	19.11	0.46			
350	KOWSALYA	14	F	8	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	39	145	64	18.55	0.44			
351	KAAVYA	12	F	8	P	42	HS	F	32	D	UE	F	P	1	4	UH	0	0	O	10.00	4.30	CLASS 2	32	120	59	22.22	0.49			
352	KIRUTHIKA	13	F	8	P	42	HS	F	31	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 2	36	127	62	22.32	0.49			
353	PRATHIKSHA	13	F	8	P	44	D	P	39	D	P	F	P	1	6	UH	2	1	I	10.00	6.00	CLASS 2	49	145	76	23.31	0.52		OBESE	
354	LAKSHITHA SHREE	13	F	8	P	40	PG	F	37	PG	UE	F	P	1	6	UH	3	1	I	9.30	5.30	CLASS 2	43	130	75	25.44	0.58		OBESE	OBESE
355	AHALYA	13	F	8	P	43	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 1	35	126	62	22.05	0.49			
356	SANGEETHA	14	F	9	P	48	HS	F	45	PHS	UE	D	P	1	4	H	3	1	O	10.00	4.45	CLASS 2	40	133	62	22.61	0.47			
357	VARSHINI	14	F	9	P	40	PG	P	32	PG	P	G	P	1	4	UH	2	1	O	10.00	5.45	CLASS 1	42	135	65	23.05	0.48			
358	PRIYANKA	13	F	9	P	46	D	F	42	D	F	F	P	1	6	UH	4	3	I	10.00	6.30	CLASS 2	74	159	80	29.27	0.50	OBESE	OBESE	OBESE
359	HEERA	13	F	9	P	42	D	F	30	PHS	UE	G	P	2	5	H	3	2	I	11.00	7.00	CLASS 2	50	130	76	29.59	0.58	OBESE	OBESE	OBESE
360	NANDHANA	14	F	9	P	43	D	F	37	PG	F	G	P	1	4	UH	4	3	I	10.15	6.00	CLASS 2	60	134	78	33.42	0.58	OBESE	OBESE	OBESE
361	KAVI BHARATHI	14	F	9	P	42	PHS	F	42	PHS	F	E	P	1	4	UH	2	3	I	10.15	6.30	CLASS 2	67	128	80	40.89	0.63	OBESE	OBESE	OBESE
362	ABHI VARSHINI	13	F	9	P	40	MS	S	32	MS	UE	F	P	1	4	UH	1	1	O	9.45	5.00	CLASS 3	35	135	65	19.20	0.48			
363	SANJANA SRI	14	F	9	P	42	D	P	39	D	P	G	P	0	5	H	0.45	1	O	9.30	6.30	CLASS 1	36	128	62	21.97	0.48			
364	NANDHITHA	14	F	9	P	43	D	F	40	D	UE	E	P	0	3	H	1	1	O	10.15	4.00	CLASS 2	40	125	74	25.60	0.59			
365	SATHURTHANA	13	F	9	P	43	MS	F	40	HS	UE	E	P	0	3	H	2	1	I	10.15	4.00	CLASS 2	42	125	75	26.88	0.60		OBESE	OBESE
366	SAMYUKTHA	14	F	9	P	42	PG	P	39	D	UE	G	P	1	4	UH	1	1	I	9.30	6.30	CLASS 1	40	138	68	21.00	0.49			
367	GAYATHRI	14	F	9	P	46	PHS	F	43	D	S	G	P	1	5	UH	3	1	O	9.30	5.00	CLASS 2	65	137	78	34.63	0.57	OBESE	OBESE	OBESE
368	AHALYA	14	F	9	P	46	PHS	S	42	HS	UE	F	P	1	4	UH	3	1	O	9.00	6.00	CLASS 2	52	135	79	28.53	0.59	OBESE	OBESE	OBESE
369	MADHUMITHA	13	F	9	P	48	PHS	S	37	PHS	UE	F	P	1	6	H	1	1	O	10.00	5.00	CLASS 2	32	125	59	20.48	0.47			
370	PRIYADARSHINI	12	F	9	P	43	PHS	F	40	PHS	UE	F	P	2	5	UH	4	1	I	10.00	5.00	CLASS 2	34	132	58	19.51	0.44			

371	SARANYA	13	F	9	P	37	D	F	37	D	F	F	P	1	4	H	1	1	O	10.00	4.00	CLASS 2	40	132	56	22.96	0.42			
372	PRATHIKSHA	14	F	9	P	42	D	F	38	PHS	UE	F	P	1	4	UH	3	1	O	10.30	6.00	CLASS 2	39	132	58	22.38	0.44			
373	SHARMILA	14	F	9	P	46	HS	S	36	D	UE	C	P	1	4	H	1	1	O	10.30	5.30	CLASS 4	40	132	58	22.96	0.44			
374	PRIYADHARSHINI	14	F	9	P	49	D	F	46	HS	S	D	P	1	4	UH	4	2	I	10.00	6.00	CLASS 3	47	126	77	29.60	0.61	OBESE	OBESE	OBESE
375	ISWARYA	14	F	9	P	46	PG	P	40	D	P	G	P	1	5	UH	4	2	I	10.00	6.30	CLASS 2	49	136	78	26.49	0.57		OBESE	OBESE
376	MADHUMITHA	13	F	9	P	47	HS	P	40	D	PS	G	P	1	4	UH	2	2	O	10.30	6.00	CLASS 2	40	138	64	21.00	0.46			
377	DIVYA	14	F	9	P	46	PHS	F	42	PHS	UE	G	P	1	4	UH	4	2	I	10.30	6.30	CLASS 2	36	130	60	21.30	0.46			
378	NARMATHA	15	F	9	P	45	PG	F	35	HS	S	G	P	0	3	UH	3	3	O	10.00	6.00	CLASS 2	40	132	62	22.96	0.47			
379	ANU SHREE	13	F	9	P	42	HS	F	35	HS	F	G	P	1	4	UH	4	2	I	9.45	5.00	CLASS 2	65	125	82	41.60	0.66	OBESE	OBESE	OBESE
380	VASUNDRA	14	F	9	P	42	PG	P	39	D	UE	G	P	1	4	UH	4	2	I	10.00	7.00	CLASS 2	53	135	79	29.08	0.59	OBESE	OBESE	OBESE
381	VIKASHINI	14	F	9	P	35	D	SP	34	PG	P	G	P	0	4	UH	4	3	I	10.00	6.00	CLASS 1	70	157	75	28.40	0.48	OBESE		
382	VALLIAMMAI	13	F	9	P	42	D	SP	32	PHS	UE	F	P	1	4	UH	2	2	O	10.30	6.00	CLASS 2	35	134	64	19.49	0.48			
383	SUDHARSANA	13	F	9	P	42	D	F	39	PHS	UE	F	P	1	4	UH	4	1	O	10.30	5.00	CLASS 2	36	128	63	21.97	0.49			
384	NIKILA	14	F	9	P	45	HS	S	39	PG	P	F	P	1	4	UH	2	2	O	10.00	4.15	CLASS 2	40	132	62	22.96	0.47			
385	SRE VARSHAN	14	F	9	P	40	D	F	34	D	UE	F	P	2	5	UH	3	2	I	10.15	4.30	CLASS 2	40	131	63	23.31	0.48			
386	ABINAYA	14	F	9	P	40	D	F	35	D	UE	E	P	1	6	UH	3	2	I	10.15	4.30	CLASS 2	36	126	60	22.68	0.48			
387	ABINAYA SHREE	14	F	9	P	41	PG	P	40	PG	P	G	P	1	4	UH	1	1	O	10.00	6.00	CLASS 1	40	130	61	23.67	0.47			
388	VISDHYA SRI	14	F	9	P	41	HS	F	39	HS	F	G	P	1	4	UH	3	1	I	10.00	5.00	CLASS 2	48	130	77	28.40	0.59	OBESE	OBESE	OBESE
389	SARANYA	14	F	9	P	40	HS	F	33	PHS	UE	G	P	2	5	UH	2	1	I	9.45	6.30	CLASS 2	59	128	80	36.01	0.63	OBESE	OBESE	OBESE
390	ISWARYA KAMATCHI	15	F	9	P	42	D	P	37	D	UE	G	P	1	4	UH	2	2	O	10.00	5.00	CLASS 2	42	140	62	21.43	0.44			
391	SUBHASHREE	14	F	10	P	45	D	F	39	D	UE	G	G	1	5	UH	0	0	O	11.00	5.00	CLASS 2	45	156	60	18.49	0.38			
392	KEERTHI SREE	14	F	10	P	44	D	SP	42	D	UE	E	P	1	4	UH	1	1	O	11.00	4.00	CLASS 2	50	152	62	21.64	0.41			
393	SRINILA	15	F	10	P	40	D	SP	38	D	SP	E	P	0	3	H	0	0	I	10.00	4.30	CLASSS 2	60	158	80	24.03	0.51		OBESE	OBESE
394	AASHIKA	14	F	10	P	46	PG	P	45	PG	P	G	P	0	3	H	1.3	1	O	12.00	4.00	CLASS 1	45	153	70	19.22	0.46			
395	SABEETHA	15	F	10	P	42	PHS	F	39	PHS	UE	D	P	1	4	H	2	2	O	10.30	4.00	CLASS 3	68	165	78	24.98	0.47		OBESE	
396	MEGALA	14	F	10	P	45	HS	F	42	HS	F	G	P	1	4	UH	1	0	I	12.00	5.00	CLASS 2	42	123	77	27.76	0.63	OBESE	OBESE	OBESE
397	NAMITHA	15	F	10	P	41	D	F	36	PHS	UE	G	P	1	6	UH	2	0	O	10.00	4.00	CLASS 2	45	155	68	18.73	0.44			
398	ISWARIYA	15	F	10	P	42	PHS	S	39	PHS	UE	F	P	1	4	H	4	2	O	10.30	5.00	CLASS 3	65	150	79	28.89	0.53	OBESE	OBESE	OBESE
399	PRIYADARSHINI	15	F	10	P	48	PHS	F	43	PHS	-	F	P	1	3	H	0	0	O	11.00	5.30	CLASS 3	45	165	60	16.53	0.36			
400	DHANUSHAA	14	F	10	P	59	HS	P	48	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	50	156	61	20.55	0.39			
401	AISWARYA LAKSHMI	14	F	10	P	48	D	P	43	HS	UE	F	P	1	4	UH	2	1	O	12.00	4.30	CLASS 2	50	158	62	20.03	0.39			
402	JAISHREE	15	F	10	P	50	D	F	41	PHS	UE	G	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	62	164	64	23.05	0.39			
403	KRITHIKA	15	F	10	P	50	D	F	40	D	SP	G	P	1	4	UH	0	0	O	11.30	5.00	CLASS 2	45	162	62	17.15	0.38			
404	PRIYADHARSHINI	15	F	10	P	39	PHS	P	36	D	UE	G	P	1	4	H	4	1	O	10.30	4.00	CLASS 2	40	145	60	19.02	0.41			

405	SANDHYA	15	F	10	P	47	PHS	F	39	PHS	F	D	P	0	3	H	4	1	I	11.30	5.00	CLASS 3	89	159	85	35.20	0.53	OBESE	OBESE	OBESE
406	NITHYASHREE	15	F	10	P	49	D	P	43	PG	P	G	P	1	4	UH	1	1	O	10.00	4.00	CLASS 2	35	160	61	13.67	0.38			
407	RITHIKA SHRI	15	F	10	P	40	D	P	35	D	UE	F	P	0	3	UH	2	1	O	11.30	4.30	CLASS 2	40	160	76	15.63	0.48			
408	PAVITHRA	14	F	10	P	43	D	S	36	D	UE	F	P	1	4	H	2	1	O	12.00	4.00	CLASS 3	50	162	62	19.05	0.38			
409	ABIRAMI	14	F	10	P	48	D	P	43	MS	UE	F	P	1	4	H	2	0	O	10.00	5.00	CLASS 2	58	155	80	24.14	0.52		OBESE	OBESE
410	ABIRAMI SRI	14	F	10	P	45	I	F	36	I	UE	D	P	1	4	H	4	1	O	9.00	6.00	CLASS 4	35	150	73	15.56	0.49			
411	PRIYADHARSHINI	14	F	10	P	45	D	P	42	D	P	F	P	1	4	H	5	0	I	10.00	4.00	CLASS 2	60	155	78	24.97	0.50		OBESE	OBESE
412	SUMETHA	13	F	10	P	41	PHS	F	30	HS	UE	F	P	1	4	UH	0	0	O	11.30	4.30	CLASS 3	41	135	66	22.50	0.49			
413	GOKILAVANI	14	F	10	P	48	D	P	43	PHS	UE	F	P	1	4	H	2	0	O	12.00	4.00	CLASS 2	43	143	66	21.03	0.46			
414	AKSHAYA BALA VENKATESH	15	F	10	P	59	D	P	56	HS	UE	F	P	0	3	H	0	0	I	11.30	5.00	CLASS 2	50	150	65	22.22	0.43			
415	AISHWARIYA	14	F	10	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	46	167	60	16.49	0.36			
416	CHRISTINA CATHRINE	15	F	10	P	43	D	F	43	D	SP	G	P	0	3	H	1	1	O	9.00	5.00	CLASS 1	45	164	61	16.73	0.37			
417	KAVINA	14	F	10	P	43	HS	F	36	HS	UE	F	P	1	4	H	2	1	I	9.30	5.00	CLASS 2	40	155	60	16.65	0.39			
418	NIVETHITHA	15	F	10	P	46	HS	F	36	HS	UE	F	P	1	4	UH	2	0	I	8.30	5.00	CLASS 2	52	148	81	23.74	0.55		OBESE	OBESE
419	SUVETHA	14	F	10	P	43	HS	F	43	D	UE	F	P	1	4	UH	1	1	I	10.00	6.00	CLASS 3	40	160	76	15.63	0.48			
420	SNEHA	15	F	10	P	40	D	P	38	D	P	F	P	1	4	H	0	0	O	11.00	4.30	CLASS 2	53	158	72	21.23	0.46			
421	RATHI BARGAVI	15	F	10	P	64	PHS	UE	63	HS	S	D	P	0	3	UH	4	0	O	10.30	4.00	CLASS 3	35	150	73	15.56	0.49			
422	ABAGNA	15	F	10	P	47	D	SP	41	D	P	G	P	1	4	H	1	1	I	10.00	5.00	CLASS 2	38	162	60	14.48	0.37			
423	KAVI PRIYA	15	F	10	P	40	HS	F	38	PHS	UE	F	P	1	4	H	1	0	O	10.45	4.15	CLASS 3	53	158	65	21.23	0.41			
424	JANA PRETHA	15	F	10	P	40	D	P	37	PHS	UE	F	P	1	4	UH	0	0	O	10.30	4.30	CLASS 2	42	155	66	17.48	0.43			
425	VISWAVARDHINI	15	F	10	P	48	PG	P	45	D	UE	G	P	2	5	H	0.3	1	I	10.00	4.45	CLASS 2	40	160	60	15.63	0.38			
426	ANUSRI	13	F	9	G	40	PHS	S	36	HS	US	B	P	1	4	UH	2	0	I	9.00	6.00	CLASS 4	41.6	144	68	20.06	0.47			
427	KANDHAYEE	15	F	9	G	45	MS	US	43	MS	US	B	P	1	4	UH	2	0	O	9.00	7.00	CLASS 4	25.2	140.5	56	12.77	0.40			
428	SANGEETHA	14	F	9	G	38	MS	US	36	MS	US	B	P	1	6	UH	3	3	I	9.00	6.00	CLASS 4	36.5	151	57	16.01	0.38			
429	PRIYADHARSHINI	14	F	9	G	42	MS	S	35	PS	UE	C	P	1	4	UH	5	2	O	9.00	5.00	CLASS 3	46.8	155	64	19.48	0.41			
430	MOHANAPRIYA	15	F	9	G	38	D	F	32	MS	UE	B	P	1	4	H	3	1	I	9.00	6.00	CLASS 3	33.7	148	54	15.39	0.36			
431	GOKILA	13	F	9	G	-	-	-	35	MS	S	C	P	1	5	UH	3	1	I	9.30	6.00	CLASS 3	38.5	145	59	18.31	0.41			
432	NANDHINI	13	F	9	G	39	MS	US	33	HS	US	C	P	1	4	UH	3	1	I	9.00	6.00	CLASS 3	41.7	142	60	20.68	0.42			
433	VEERAMANI	14	F	9	G	42	MS	US	33	MS	US	B	P	1	4	-	3	1	O	9.00	7.00	CLASS 4	34	157	59	13.79	0.38			
434	ARUNA	14	F	9	G	39	PHS	US	30	MS	US	C	P	0	3	UH	5	3	O	9.00	6.00	CLASS 3	49	156	60	20.13	0.38			
435	ARTHIKA	13	F	9	G	48	HS	US	45	MS	US	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 3	46.2	160	61	18.05	0.38			
436	NITHYA	15	F	9	G	40	MS	US	30	MS	UE	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 2	43.2	152	62	18.70	0.41			
437	ARTHI	14	F	9	G	43	PHS	US	42	PS	US	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	44.6	149	63	20.09	0.42			
438	DEVI	14	F	9	G	45	PS	US	38	PHS	US	C	P	1	5	UH	2	1	O	9.00	6.00	CLASS 3	36.5	158	55	14.62	0.35			

439	PONNARASI	15	F	9	G	45	HS	F	42	PS	F	B	P	3	9	UH	5	3	O	9.00	5.00	CLASS 4	40.2	150	63	17.87	0.42			
440	MOHAMMADHREE	15	F	9	G	42	PS	US	38	PS	US	B	P	1	4	UH	0	0	O	10.00	7.00	CLASS 4	33.1	147	60	15.32	0.41			
441	VENNILA	15	F	9	G	39	MS	US	39	IL	US	B	P	2	5	UH	5	3	O	9.00	6.00	CLASS 4	55	158	76	22.03	0.48			
442	HEMAN	11	M	6	G	41	PHS	US	38	MS	US	B	P	1	4	UH	0	0	O	9.00	6.00	CLASS 4	28.5	135	49	15.64	0.36			
443	MANIKANDAN	12	M	6	G	41	PS	S	43	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	30.5	137	53	16.25	0.39			
444	VIVEK	12	M	6	G	33	PHS	S	32	HS	UE	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	30.8	151	53	13.51	0.35			
445	SATHISWARAN	11	M	6	G	43	HS	S	34	HS	S	B	P	2	5	UH	0	0	O	8.00	7.00	CLASS 3	29.2	143	51	14.28	0.36			
446	GANESH	12	M	6	G	39	MS	S	37	MS	UE	B	P	1	4	UH	5	3	O	10.00	8.00	CLASS 4	35	136	58	18.92	0.43			
447	KARNAN	11	M	6	G	50	MPS	UE	49	PS	US	B	P	1	5	UH	5	3	O	10.00	6.00	CLASS 4	23	121	51	15.71	0.42			
448	MUKILAN	11	M	6	G	38	PHS	S	38	PHS	S	C	P	2	5	UH	4.5	2	O	10.00	6.00	CLASS 3	24	129	51	14.42	0.40			
449	GOWSIK	11	M	6	G	50	MS	UE	35	HS	US	B	P	1	4	UH	6	3	O	10.00	6.00	CLASS 4	22.5	130	50	13.31	0.38			
450	VISHWAPANDIAN	12	M	6	G	40	D	S	35	MS	US	C	P	1	4	UH	6	3	O	11.00	6.00	CLASS 3	31.8	141	54	16.00	0.38			
451	SOWNYAI	13	F	6	G	37	D	S	35	IL	S	B	P	2	5	-	1	0	I	8.00	6.00	CLASS 3	38.5	144	59	18.57	0.41			
452	ADHILAKSHMI	11	F	6	G	38	HS	S	33	MS	S	C	P	0	4	-	1	1	I	9.00	6.00	CLASS 3	32.9	133	61	18.60	0.46			
453	JOTHILAKSHMI	11	F	6	G	46	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	25	130	49	14.79	0.38			
454	CHARU NETHRA	11	F	6	G	47	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	29.6	143	53	14.48	0.37			
455	PRADEPA	11	F	6	G	45	PHS	S	37	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	24.7	134	50	13.76	0.37			
456	LILLA	12	F	6	G	38	HS	S	36	MS	S	C	P	2	5	UH	9	3	O	10.00	6.00	CLASS 3	30	143	54	14.67	0.38			
457	YUVASHREE	11	F	6	G	37	HS	S	36	HS	UE	C	P	1	5	UH	1	1	I	11.00	5.00	CLASS 3	27.7	137	54	14.76	0.39			
458	DIVYA	12	F	6	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	6	3	I	9.00	6.00	CLASS 4	31	131	55	18.06	0.42			
459	MANISHA	15	F	8	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	36.6	160	52	14.30	0.33			
460	SONAL	14	F	8	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	30.3	146	51	14.21	0.35			
461	YAZHINI	13	F	8	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	48.5	153	60	20.72	0.39			
462	SARMILA	14	F	8	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	40	156	57	16.44	0.37			
463	MAHESWARI	13	F	8	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	43.5	159	57	17.21	0.36			
464	SUJI	12	F	8	G	36	MS	US	35	MS	US	B	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	32	141	52	16.10	0.37			
465	NANDHINI	13	F	8	G	36	MS	US	35	MS	US	C	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	34.7	141	59	17.45	0.42			
466	SANDHIYA	13	F	8	G	42	IL	US	35	IL	US	B	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	32.5	142	58	16.12	0.41			
467	HAZEENA	13	F	8	G	34	MS	S	33	PHS	UE	C	P	1	4	UH	2	1	O	8.30	6.00	CLASS 3	40.9	151	57	17.94	0.38			
468	RAJESWARI	13	F	8	G	40	MS	S	38	MS	UE	B	P	2	5	UH	2	1	O	9.30	6.00	CLASS 3	37	142	58	18.35	0.41			
469	SRIDEVI	13	F	8	G	40	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	42.7	147	62	19.76	0.42			
470	ISHWARYA	13	F	8	G	40	HS	US	35	MS	US	B	P	0	3	UH	12	3	O	8.00	6.00	CLASS 4	36.1	141	56	18.16	0.40			
471	SWETHA	13	F	8	G	40	HS	S	38	MS	US	C	P	0	3	UH	2	1	O	9.30	5.30	CLASS 3	55.8	144.5	82	26.72	0.57		OBESE	OBESE
472	POOJA	12	F	7	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	6	3	I	9.00	6.00	CLASS 4	22.7	127	47	14.07	0.37			

473	TAMILARASI	11	F	7	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	29.5	135	51	16.19	0.38			
474	ABIRAMI	12	F	7	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	28.6	145	47	13.60	0.32			
475	MONISHA	13	F	7	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	6	2	I	9.00	6.00	CLASS 4	25	127	48	15.50	0.38			
476	SANTHARA	13	F	7	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	40.4	152	55	17.49	0.36			
477	RESHMA	14	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	37	149	59	16.67	0.40			
478	ABITHA	12	F	7	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	26.4	141	47	13.28	0.33			
479	KIRUTHIKA LAKSHMI	12	F	7	G	45	MS	US	40	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	25	137	47	13.32	0.34			
480	GAYATHRI	12	F	7	G	40	HS	US	36	PS	UE	B	P	2	5	UH	2	1	I	9.00	7.00	CLASS 4	43.6	141	71.7	21.93	0.51		OBESE	OBESE
481	KOWSALYA	12	F	7	G	42	MS	F	34	MS	S	C	P	1	4	UH	0	0	O	11.00	6.00	CLASS 3	30.2	130	51	17.87	0.39			
482	DIVYA	12	F	7	G	64	HS	UE	59	PS	US	C	P	0	2	UH	3	2	O	1.00	7.00	CLASS 4	27.6	136	48	14.92	0.35			
483	NANDHINI	12	F	7	G	34	MS	S	36	MS	S	B	P	1	4	-	1	0	O	11.00	6.00	CLASS 3	30.2	140	51	15.41	0.36			
484	DHANYALAKSHMI	12	F	7	G	36	HS	F	33	MS	US	D	P	1	4	-	2	0	I	11.00	7.00	CLASS 3	34.2	142	55	16.96	0.39			
485	KAVIYA	12	F	7	G	54	PHS	F	45	HS	F	C	P	1	4	UH	0.3	0	I	10.30	6.00	CLASS 3	23.7	129	49	14.24	0.38			
486	ADITH	13	M	7	G	50	D	S	45	IL	UE	E	P	1	3	-	2	1	I	9.00	5.00	CLASS 3	39.7	144	51	19.15	0.35			
487	NAVEEN KUMAR	12	M	7	G	47	PHS	S	43	HS	UE	C	P	1	4	UH	1	0	O	10.00	8.00	CLASS 3	28.4	136	53	15.35	0.39			
488	SATHVEER	13	M	7	G	31	PHS	S	30	HS	UE	C	P	2	5	UH	1	0	I	10.00	7.00	CLASS 3	39.3	154	56	16.57	0.36			
489	VIGNESH	11	M	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	25	143	45	12.23	0.31			
490	AMEER BASHA	12	M	7	G	32	MS	US	31	HS	UE	B	P	1	4	UH	1	3	I	9.30	7.00	CLASS 4	29.5	140	55	15.05	0.39			
491	ROSHAN	12	M	7	G	42	MS	US	32	D	UE	C	P	1	4	UH	0.2	1	I	9.00	6.00	CLASS 4	26.5	135	44	14.54	0.33			
492	DHANUSH	12	M	7	G	47	PS	S	37	HS	UE	C	P	2	5	UH	1	1	O	9.30	6.30	CLASS 3	34.5	140	57	17.60	0.41			
493	SASIKUMAR	12	M	7	G	35	MS	US	30	MS	UE	C	P	1	5	UH	8	3	O	10.00	7.00	CLASS 4	33.6	148	55	15.34	0.37			
494	VIDNESHWARAN	12	M	7	G	45	PHS	S	40	MS	UE	C	P	2	4	UH	1	1	O	10.00	6.30	CLASS 3	40.3	133	72	22.78	0.54		OBESE	OBESE
495	VISHNUWARTHAN	11	M	7	G	34	HS	S	30	HS	S	C	GP	1	4	UH	1	1	I	10.00	6.00	CLASS 4	44.2	151	64	19.39	0.42			
496	KIRISHTOBER	12	M	7	G	43	MS	S	32	PS	UE	B	P	3	4	UH	0.1	1	I	10.00	7.00	CLASS 4	27.8	136	51	15.03	0.38			
497	SARAN	13	M	8	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	31.2	141	59	15.69	0.42			
498	KARAN	13	M	8	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	33	143	53	16.14	0.37			
499	SARAN	13	M	8	G	47	MS	UE	50	MS	US	B	P	1	4	UH	6	3	O	9.00	6.00	CLASS 4	37	142	68	18.35	0.48			
500	ILAIYARAJA	13	M	8	G	36	PS	S	35	IL	UE	B	P	2	5	UH	7	3	O	10.00	8.00	CLASS 4	29	144	57	13.99	0.40			
501	PASUBATHI	13	M	8	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	40	153	62	17.09	0.41			
502	ARJUN	12	M	8	G	42	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	30.1	148	55	13.74	0.37			
503	SURYA	12	M	8	G	42	MS	S	31	PS	US	C	P	2	5	UH	2	0	I	10.00	9.00	CLASS 3	39.4	148	68	17.99	0.46			
504	SAMUVEL PRABHU	12	M	8	G	40	MS	S	30	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	26.2	132	52	15.04	0.39			
505	LARANS	13	M	8	G	42	PS	S	40	HS	S	C	P	3	6	UH	1	1	O	9.00	4.00	CLASS 3	36.4	148	62	16.62	0.42			
506	AJITH	14	M	8	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	41	143	67	20.05	0.47			

507	SAKTHI VIGNESH	14	M	8	G	50	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	39.2	155	59	16.32	0.38			
508	DINESH	13	M	8	G	40	PS	S	36	MS	S	B	P	1	3	UH	3	2	O	10.00	4.30	CLASS 4	37	144	62	17.84	0.43			
509	SOWNDAR RAJ	13	M	8	G	35	MS	S	30	MS	US	C	P	1	4	UH	2	1	O	10.00	6.00	CLASS 4	30	134	54	16.71	0.40			
510	SANGAMESHWARAN	13	M	8	G	34	PS	S	32	PS	UE	C	P	0	3	UH	2	0	O	9.00	6.30	CLASS 4	47.5	147	72	21.98	0.49			
511	NAVEENKUMAR	12	M	8	G	55	PHS	S	52	IL	US	B	P	1	5	UH	6	3	I	9.00	6.00	CLASS 4	56	151	82	24.56	0.54		OBESE	OBESE
512	KARTHIK	13	M	8	G	40	PS	US	30	IL	US	C	P	3	6	-	1	1	O	9.00	6.00	CLASS 4	44	151	78	19.30	0.52		OBESE	OBESE
513	RAHUL	14	M	8	G	48	D	S	33	IL	UE	E	P	1	4	-	1	0	I	9.00	7.00	CLASS 3	54	153	84	23.07	0.55		OBESE	OBESE
514	HARISH	13	M	8	G	46	MS	S	36	HS	UE	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	46	140	72	23.47	0.51			OBESE
515	MAHALIMGAM	13	M	8	G	43	PS	S	35	PS	US	B	P	2	5	UH	2	2	O	10.00	8.00	CLASS 4	27	133	47	15.26	0.35			
516	SUMAN	15	M	9	G	48	D	US	42	HS	US	B	G	2	3	-	2	0	O	10.00	6.00	CLASS 4	49.2	173	71	16.44	0.41			
517	SOWDAR RAJ	14	M	9	G	37	PS	UE	29	PS	US	C	P	1	4	UH	2	1	I	8.30	6.30	CLAAS 3	30.3	150	50	13.47	0.33			
518	THAMAIKANNAN	14	M	9	G	54	MS	US	50	PS	US	C	P	1	4	UH	1	1	O	11.00	6.30	CLASS 4	30	152	58	12.98	0.38			
519	RAJA	15	M	9	G	36	PS	US	36	PS	US	B	P	2	5	H	2	1	O	11.00	6.00	CLASS 4	42.5	162	64	16.19	0.40			
520	RUBAVIGNESH	14	M	9	G	42	MS	S	35	MS	UE	D	P	0	3	UH	5	3	O	9.00	5.00	CLASS 3	31.2	137	57	16.62	0.42			
521	ARAVINTH	15	M	9	G	42	IL	US	38	IL	US	B	P	2	5	UH	2	0	O	9.00	6.00	CLASS 4	36.4	160	63	14.22	0.39			
522	RAMESH	15	M	9	G	50	HS	S	60	MS	UE	C	P	1	4	UH	2	1	O	9.00	6.00	CLASS 4	41.3	161	62	15.93	0.39			
523	SURESHBABU	14	M	9	G	80	IL	US	67	IL	US	B	P	0	3	UH	6	3	O	9.00	6.00	CLASS 4	56	162	74	21.34	0.46			
524	VASANTH	15	M	9	G	49	HS	F	38	MS	UE	C	P	3	6	UH	0	0	O	10.00	6.00	CLASS 4	51	163	69	19.20	0.42			
525	RANGANATHAN	14	M	9	G	40	PS	US	35	MS	US	C	P	2	5	UH	5	2	O	9.00	6.00	CLASS 4	35.6	162	60	13.57	0.37			
526	MUKESH	14	M	9	G	40	MS	S	38	MS	US	C	P	1	4	UH	5	3	O	11.00	6.00	CLASS 3	31.5	155	53	13.11	0.34			
527	JEEVA	13	M	9	G	-	-	-	38	HS	US	B	P	1	4	UH	3	1	O	8.30	6.00	CLASS4	39.5	156	67	16.23	0.43			
528	SELLAPPAN	14	M	9	G	40	IL	US	39	IL	US	C	P	2	3	UH	3	0	O	9.00	8.00	CLASS 4	30.1	147	55	13.93	0.37			
529	ANANDH	15	M	9	G	41	HS	US	31	MS	US	B	P	1	7	UH	7	3	O	9.00	6.00	CLASS 4	28.5	145	53	13.56	0.37			
530	BASKAR	15	M	9	G	42	MS	F	39	MS	UE	D	P	1	4	UH	6	3	O	9.00	6.00	CLASS 3	45.3	165	67	16.64	0.41			
531	MOHAMMAD RIYAS	14	M	9	G	-	-	-	37	HS	S	C	P	1	4	UH	3	0	O	10.00	7.00	CLASS 4	29.7	151	57	13.03	0.38			
532	BARANI	14	M	9	G	42	IL	US	32	IL	US	C	P	1	4	UH	5	2	O	9.30	6.00	CLASS 4	31.6	145	51	15.03	0.35			
533	ARAVINTH	13	M	9	G	49	HS	F	38	MS	F	C	P	3	6	UH	3	1	O	10.00	7.00	CLASS4	62.2	155	86	25.89	0.55		OBESE	OBESE
534	SAKTHI	15	M	9	G	40	MS	S	35	PS	UE	C	P	2	5	UH	3	1	O	9.00	6.00	CLASS 4	71.3	168	87	25.26	0.52		OBESE	OBESE
535	KASI VISWANATHAN	15	M	10	G	39	PS	US	38	PS	US	C	P	1	4	UH	4	1	O	10.00	6.30	CLASS 4	41.6	161	59	16.05	0.37			
536	SUBASH	15	M	10	G	43	D	P	38	HS	UE	D	P	2	5	-	1	2	I	9.30	6.00	CLASS 3	63	159	82	24.92	0.52			OBESE
537	AJITH	15	M	10	G	46	MS	US	36	PS	US	D	P	0	5	UH	1	3	O	9.00	5.00	CLASS 3	36.9	141	60	18.56	0.43			
538	SAKTHIVEL	14	M	10	G	48	MS	US	45	IL	US	B	P	0	3	UH	0.3	2	O	8.00	6.00	CLASS 4	38	151	55	16.67	0.36			
539	SHAJEK	15	M	10	G	38	PS	F	34	HS	F	D	P	1	4	UH	2	1	I	10.00	5.00	CLASS 3	46.6	160	68	18.20	0.43			
540	SIVASAKTHI	15	M	10	G	36	MS	US	34	HS	US	E	P	1	4	UH	3	1	I	7.00	6.00	CLASS 3	39.5	162	61	15.05	0.38			

541	SABARI MENAGARAJ	14	M	10	G	38	D	F	34	HS	UE	C	P	2	5	UH	2	1	O	9.00	7.30	CLASS 4	50.3	161	71	19.41	0.44			
542	PRABHU	15	M	10	G	40	PS	US	38	PS	US	B	P	1	4	UH	2	1	I	10.00	6.00	CLASS 4	30.9	159	61	12.22	0.38			
543	PRADAP	15	M	10	G	40	PS	US	38	PS	US	C	G	4	6	UH	3	3	O	9.00	6.00	CLASS 4	41.4	152	61	17.92	0.40			
544	ARJUN	14	M	10	G	38	PS	US	35	PS	US	D	P	0	5	UH	2	2	O	9.00	6.00	CLASS 3	36	142	59	17.85	0.42			
545	KARTHIKEYAN	15	M	10	G	48	MS	US	41	HS	US	C	P	0	3	UH	-	-	O	8.30	6.00	CLASS 4	53.4	170	72	18.48	0.42			
546	RAJASEKAR	15	M	10	G	38	MS	US	35	PS	US	D	G	0	8	UH	1	1	O	8.00	6.00	CLASS 3	39.3	152	58	17.01	0.38			
547	MANIKANDAN	14	M	10	G	56	PS	US	38	PS	US	E	P	2	5	UH	5	3	O	10.30	7.30	CLASS 3	31.7	159	59	12.54	0.37			
548	YOGARAJ	15	M	10	G	46	MS	US	37	PS	US	C	P	1	4	H	2	1	O	11.00	6.00	CLASS 4	33.7	159	60	13.33	0.38			
549	PRASATH	15	M	10	G	-	-	-	42	HS	US	C	P	1	3	UH	2	2	O	9.00	6.00	CLASS 4	32.7	143	60	15.99	0.42			
550	GOKULA KRISHNAN	15	M	10	G	48	D	US	35	MS	US	C	P	1	4	UH	2	2	O	11.30	5.00	CLASS 4	40.6	158	66	16.26	0.42			
551	RAJAGURU	15	M	10	G	38	HS	S	32	HS	UE	C	P	3	8	UH	1	-	O	9.00	6.00	CLASS 4	53.1	157	76	21.54	0.48			OBESE
552	SIVARAMAN	15	M	10	G	58	PS	US	36	PS	US	C	P	1	7	UH	1	2	O	8.00	5.00	CLASS 4	41	148	68	18.72	0.46			
553	DHANAPAL	15	M	10	G	45	MS	US	35	HS	US	A	P	0	7	UH	1	0	O	1.00	6.00	CLASS 4	35.5	159	58	14.04	0.36			
554	KARANESH	15	M	10	G	42	MS	US	36	PS	US	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 4	61.9	168	73	21.93	0.43			
555	PADAIYAPPA	15	M	10	G	49	IL	US	39	IL	US	C	P	4	7	UH	-	-	O	9.00	6.00	CLASS 4	51.8	164	70	19.26	0.43			
556	PRABHU	15	M	10	G	36	HS	US	28	MS	US	E	P	1	4	UH	2	2	O	10.00	6.30	CLASS 3	44	167	64	15.78	0.38			
557	NAGARAJ	15	M	10	G	32	HS	US	31	PHS	US	C	P	1	4	UH	3	2	O	9.30	7.30	CLASS 4	46	160	62	17.97	0.39			
558	POUNRAJ	15	M	10	G	62	IL	US	40	IL	US	D	P	2	5	UH	2	2	O	10.30	7.00	CLASS 4	55.4	166	68	20.10	0.41			
559	KANNAN	15	M	10	G	36	HS	S	33	MS	UE	G	P	1	4	UH	2	2	O	11.00	7.00	CLASS 3	42.2	160	60	16.48	0.38			
560	MARIKANI	15	M	10	G	45	IL	US	37	IL	US	E	P	0	5	UH	2	1	O	11.00	7.00	CLASS 3	50	175	68	16.33	0.39			
561	SURESH KRISHNA	15	M	10	G	40	MS	US	36	PS	US	C	P	1	4	-	-	-	O	10.00	6.30	CLASS 4	44.6	162	64	16.99	0.40			
562	ARAVINDH	15	M	10	G	58	HS	S	45	HS	UE	E	P	1	5	UH	2	2	O	10.30	7.00	CLASS 3	44	161	60	16.97	0.37			
563	GOKUL	15	M	10	G	52	MS	US	45	PS	UE	D	P	0	3	UH	3	2	O	10.00	6.30	CLASS 4	48	172	71	16.22	0.41			
564	KAMATCHINATHAN	15	M	10	G	50	HS	US	40	PS	UE	C	P	2	5	UH	3	2	O	11.00	6.30	CLASS 4	54.5	176	71	17.59	0.40			
565	RONALD	15	M	10	G	45	D	S	34	HS	UE	E	P	1	4	UH	2	1	O	10.00	5.00	CLASS 3	35.9	159	61	14.20	0.38			
566	MANIKANDAN	15	M	10	G	40	IL	US	38	IL	UE	E	P	2	4	UH	3	2	O	11.00	6.30	CLASS 3	65	169	83	22.76	0.49		OBESE	OBESE
567	BALAKUMAR	15	M	10	G	45	HS	US	42	MS	US	D	P	0	2	UH	2	3	O	9.00	6.00	CLASS 3	53.1	151	83	23.29	0.55		OBESE	OBESE
568	HARSHITHA	14	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	37	149	59	16.67	0.40			
569	GAYATHRI	15	F	11	P	39	D	P	36	HS	UE	E	P	0	3	UH	1	0	O	11.00	5.00	CLASS 2	54	155	65	22.48	0.42			
570	MATHU	15	F	11	P	47	HS	F	45	HS	UE	G	P	0	3	H	1	1	O	10.30	5.00	CLASS 1	53	159	63	20.96	0.40			
571	MONISHWARI	15	F	11	P	47	HS	F	42	HS	UE	D	P	1	4	H	1	0	O	10.30	4.30	CLASS 3	54	149	61	24.32	0.41			
572	KANISHKA	15	F	11	P	43	D	P	39	D	P	F	P	1	4	H	2	1	O	9.00	4.30	CLASS 2	40	153	58	17.09	0.38			
573	SUMITHRA	15	F	11	P	49	HS	F	39	HS	F	G	P	1	6	H	1	2	O	10.00	4.30	CLASS 3	60	166	65	21.77	0.39			
574	MALINE	15	F	11	P	44	D	P	38	D	P	G	P	0	3	UH	3	0	O	10.30	4.30	CLASS 1	49	159	60	19.38	0.38			

575	ANUSHIYA	15	F	11	P	46	D	P	37	HS	F	G	P	1	4	UH	0	0	O	10.30	4.30	CLASS 1	44	150	68	19.56	0.45			
576	DEVADARSHINI	15	F	11	P	50	PHS	F	44	PHS	F	G	P	0	3	H	2	2	I	9.30	6.00	CLASS 2	42	149	65	18.92	0.44			
577	SNEHA SREE	15	F	11	P	50	D	P	46	D	UE	G	P	1	4	UH	1	1	O	11.30	6.00	CLASS 2	40	150	57	17.78	0.38			
578	JAYASRI	15	F	11	P	42	HS	F	38	HS	F	G	P	1	4	UH	0	0	O	11.00	4.30	CLASS 3	48	154	60	20.24	0.39			
579	PRIYADARSHII	15	F	11	P	42	D	F	36	D	UE	G	P	1	4	UH	1	2	O	9.30	5.00	CLASS 2	45	148	65	20.54	0.44			
580	ADITHI	15	F	11	P	50	D	F	42	D	F	G	P	1	4	UH	3	2	I	11.00	7.00	CLASS 2	60	150	78	26.67	0.52	OBESE	OBESE	OBESE
581	NITHI NANDHA	15	F	11	P	50	D	F	38	D	F	G	P	1	4	UH	0	0	I	11.00	7.00	CLASS 2	61	152	79	26.40	0.52	OBESE	OBESE	OBESE
582	ANITHA	15	F	11	P	42	HS	F	34	HS	UE	G	P	1	4	H	3	2	O	11.00	5.30	CLASS 2	42	156	65	17.26	0.42			
583	DEEPALAKSHMI	15	F	11	P	42	PS	F	37	MS	UE	G	P	1	4	UH	3	1	O	10.30	4.00	CLASS 2	44	149	68	19.82	0.46			
584	PRADHARSANA	15	F	11	P	48	PG	F	39	PG	UE	G	P	1	4	UH	2	2	I	10.00	5.00	CLASS 3	44	162	65	16.77	0.40			
585	MADHUVATHANA	15	F	11	P	50	D	F	49	D	P	G	P	1	4	UH	4	3	I	10.30	5.30	CLASS 2	63	155	78	26.22	0.50	OBESE	OBESE	OBESE
586	KAVYA	15	F	11	P	44	HS	F	34	PHS	UE	G	P	1	4	H	0	0	O	10.00	4.00	CLASS 3	38	152	64	16.45	0.42			
587	ISWARIYA	15	F	11	P	42	HS	S	36	PHS	UE	F	P	1	4	UH	1	2	O	10.00	4.30	CLASS 3	45	152	70	19.48	0.46			
588	SAMRAKSHANA	15	F	11	P	40	D	F	39	D	P	G	P	1	6	H	0	0	O	10.00	5.30	CLASS 2	40	152	65	17.31	0.43			
589	SRUTHI	15	F	11	P	48	HS	S	45	HS	UE	F	P	0	3	UH	2	1	I	10.30	6.30	CLASS 3	60	154	78	25.30	0.51		OBESE	
590	ADHARSHINI	15	F	11	P	46	D	F	43	PG	UE	G	P	1	4	H	1	0	O	10.30	5.30	CLASS 2	56	160	68	21.88	0.43			
591	SILAMBARASAN	15	M	11	P	43	MS	S	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	42	160	63	16.41	0.39			
592	KARTHIK	15	M	11	P	58	PHS	S	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 3	40	157	57	16.23	0.36			
593	MAHESH	15	M	11	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	40	155	56	16.65	0.36			
594	NIKILAN	15	M	11	P	40	HS	S	35	D	UE	D	P	1	4	UH	4	2	I	11.00	7.00	CLASS 3	45	155	65	18.73	0.42			
595	KARNAN	15	M	11	P	38	HS	US	36	HS	UE	C	P	1	4	UH	4	1	O	8.00	5.00	CLASS 4	36	147	58	16.66	0.39			
596	RAJKUMAR	15	M	11	P	39	PS	F	29	HS	UE	C	P	2	5	UH	2	1	O	9.00	5.00	CLASS 3	40	155	65	16.65	0.42			
597	CHANDRU	15	M	11	P	42	PHS	S	38	HS	UE	D	P	1	8	UH	2	0	O	9.30	6.00	CLASS 3	38	145	59	18.07	0.41			
598	THARUN	15	M	11	P	38	MS	S	35	HS	UE	B	P	1	4	H	2	0	I	10.00	7.00	CLASS 2	38	145	54	18.07	0.37			
599	SANTHOSH	15	M	11	P	40	MS	F	35	PS	UE	F	P	2	5	UH	3	1	O	9.00	6.00	CLASS 3	65	160	82	25.39	0.51		OBESE	OBESE
600	SHRI GANESH	15	M	11	P	45	PHS	F	35	PHS	UE	G	P	1	4	UH	5	3	O	11.30	6.00	CLASS 2	45	150	58	20.00	0.39			
601	NIRANJAN	15	M	11	P	42	HS	F	38	D	UE	G	P	0	3	UH	6	3	O	11.00	6.00	CLASS 2	40	157	57	16.23	0.36			
602	ADITHYA	15	M	11	P	41	P	F	39	PHS	UE	F	P	1	4	UH	5	0	I	10.30	6.30	CLASS 2	40	155	56	16.65	0.36			
603	ANIRUDTH	15	M	11	P	48	P	F	42	HS	UE	D	P	1	4	UH	6	3	I	10.00	6.30	CLASS 2	45	155	65	18.73	0.42			
604	MANIKANDAN	15	M	11	P	44	D	P	42	D	UE	G	P	1	4	UH	3	1	O	11.30	6.00	CLASS 1	40	147	58	18.51	0.39			
605	PRABHU	15	M	11	P	43	MS	P	33	MS	UE	C	P	2	6	UH	3	1	I	9.00	6.45	CLASS 2	45	140	79	22.96	0.56		OBESE	OBESE
606	DINESH	15	M	11	P	42	PHS	F	40	HS	F	E	P	1	5	UH	2	1	I	10.00	6.45	CLASS 2	42	138	79	22.05	0.57		OBESE	OBESE
607	BALASUBRAMANIAM	15	M	11	P	39	D	P	36	HS	UE	E	P	0	3	UH	1	0	O	11.00	5.00	CLASS 2	50	169	60	17.51	0.36			
608	UDHYAKUMAR	15	M	11	P	48	HS	F	45	HS	UE	G	P	0	3	H	1	1	O	10.30	5.00	CLASS 1	41	140	51	20.92	0.36			

609	RAVI	15	M	11	P	50	HS	F	42	HS	UE	D	P	1	4	H	1	0	O	11.00	7.00	CLASS 3	40	175	70	13.06	0.40			
610	JOSEPH	15	M	11	P	43	D	P	41	D	P	F	P	1	4	H	2	1	O	10.30	6.30	CLASS 2	45	156	61	18.49	0.39			
611	SENTHIL	15	M	11	P	49	HS	F	45	HS	F	G	P	1	6	H	1	2	O	10.00	6.00	CLASS 3	44	150	70	19.56	0.47			
612	ARUNKUMAR	15	M	11	P	44	D	P	40	D	P	G	P	0	3	UH	3	0	O	10.30	6.30	CLASS 1	50	147	68	23.14	0.46			
613	RAMKUMAR	11	M	7	P	42	MS	SH	31	HS	S	C	P	1	4	UH	4	1	I	10.00	4.00	CLASS 3	48	146	73	22.52	0.50	OBESE	OBESE	OBESE
614	PRAVEEN	11	M	7	P	42	MS	F	31	HS	F	C	P	1	4	UH	4	1	O	10.00	4.00	CLASS 2	38	145	62	18.07	0.43			
615	NITHIN	11	M	7	P	54	MS	UE	40	PS	S	C	P	1	4	H	2	1	O	9.50	6.50	CLASS 3	35	143	61	17.12	0.43			
616	MUSTHAFFA	11	M	7	P	42	MS	S	33	HS	F	B	P		3	UH	2	1	O	9.50	6.50	CLASS 3	37	144	63	17.84	0.44			
617	VARUN	11	M	7	P	41	HS	SS	34	MS	F	C	P	1	4	UH	3	3	I	8.50	5.50	CLASS 2	48	154	71	20.24	0.46		OBESE	
618	NIKILESH	11	M	7	P	34	MS	S	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 3	40	150	67	17.78	0.45			
619	BALAJI	11	M	7	P	41	D	P	30	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	44	151	66	19.30	0.44			
620	TRILOK	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	I	8.50	5.00	CLASS 3	50	155	69	20.81	0.45		OBESE	
621	PRASANNA	11	M	7	P	37	MS	S	35	HS	UE	B	P	2	7	UH	2	1	O	9.50	6.00	CLASS 3	36	145	62	17.12	0.43			
622	KAVIN	11	M	7	P	35	MS	F	31	MS	UE	C	P	1	4	UH	3	1	O	10.00	7.00	CLASS 2	35	145	61	16.65	0.42			
623	HEMESH	11	M	7	P	40	D	P	32	D	P	C	P	2	5	UH	1	1	O	9.00	6.00	CLASS 2	40	150	66	17.78	0.44			
624	KRISHNA	11	M	7	P	46	MS	US	32	MS	UE	B	P	1	4	UH	2	1	O	10.00	6.00	CLASS 3	33	139	59	17.08	0.42			
625	SRIRAM	11	M	7	P	40	HS	UE	37	HS	S	C	P	2	5	UH	2	1	O	8.50	5.00	CLASS 3	30	138	57	15.75	0.41			
626	ARUN	11	M	7	P	45	D	P	35	D	S	D	P	1	4	UH	2.5	1	I	10.00	5.50	CLASS 2	40	140	71	20.41	0.51		OBESE	OBESE
627	SKANTHA	11	M	7	P	43	PHS	SP	42	PHS	SP	E	P	1	4	UH	3.5	2	O	10.00	6.00	CLASS 2	34	142	60	16.86	0.42			
628	SANTHESH	11	M	7	P	39	PS	F	34	HS	UE	C	P	1	4	UH	6	1	O	11.30	7.00	CLASS 3	37	144	61	17.84	0.42			
629	PRANAV	11	M	7	P	43	MS	F	39	HS	UE	D	P	1	4	H	1	2	O	8.00	4.00	CLASS 3	36	143	59	17.60	0.41			
630	ARSATH	11	M	7	P	58	PHS	P	49	PHS	SP	D	P	0	3	UH	0.5	2	O	10.30	7.30	CLASS 2	40	147	67	18.51	0.46			
631	KANISHK	11	M	7	P	45	PHS	S	43	MS	UE	P	P	0	5	UH	0.5	2	I	8.00	5.00	CLASS 3	32	141	56	16.10	0.40			
632	SARRVESH	11	M	7	P	48	D	SH	45	PD	P	D	P	0	3	UH	4	2	I	10.00	6.00	CLASS 3	53	160	83	20.70	0.52		OBESE	OBESE
633	NAVIN	11	M	7	P	42	D	S	37	IL	UE	B	P	1	4	H	4	1	O	9.00	5.00	CLASS 3	43	150	67	19.11	0.45			
634	NAVEEN PRABHU	11	M	7	P	39	D	F	30	MS	UE	C	P	3	6	UH	2	1	O	9.00	6.00	CLASS 2	42	149	68	18.92	0.46			
635	SATHISH	11	M	7	P	42	D	S	38	MS	UE	C	P	1	4	UH	4	1	O	9.50	7.00	CLASS 3	45	155	63	18.73	0.41			
636	SASEENTHIRAN	11	M	7	P	45	MS	S	41	HS	UE	D	P	1	4	UH	3	1	O	12.00	7.00	CLASS 3	31	139	58	16.04	0.42			
637	SASITHARAN	11	M	7	P	36	PHS	S	32	HS	UE	C	P	1	4	UH	1	1	O	9.00	6.00	CLASS 2	39	152	68	16.88	0.45			
638	KESHAVAN	11	M	7	G	31	PHS	S	30	HS	UE	C	P	2	5	H	1	0	I	10.00	7.00	CLASS 3	30	138	57	15.75	0.41			
639	MANIKANDAN	11	M	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	26	133	52	14.70	0.39			
640	VASANTH	11	M	7	G	42	MS	F	34	MS	S	C	P	1	4	UH	3	2	O	11.00	6.00	CLASS 3	48	145	73	22.83	0.50	OBESE	OBESE	OBESE
641	JAYARAM	11	M	7	G	43	MS	S	32	PS	UE	B	P	3	4	UH	0.1	1	I	10.00	7.00	CLASS 4	35	143	62	17.12	0.43			
642	SARAVANAN	11	M	7	G	40	HS	S	32	HS	S	B	GP	1	4	UH	1	1	O	9.30	7.00	CLASS 4	33	143	56	16.14	0.39			

643	ARUN	11	M	7	G	40	HS	S	32	HS	S	B	GP	1	4	H	1	1	O	9.30	7.00	CLASS 4	35	144	62	16.88	0.43			
644	KARTHIK	11	M	7	G	45	MS	UE	42	MS	US	B	P	1	4	UH	3	3	O	9.00	6.00	CLASS 4	32	141	54	16.10	0.38			
645	JEYA CHANDRAN	11	M	7	G	36	PS	S	35	IL	UE	B	P	2	5	H	2	1	O	10.00	8.00	CLASS 4	41	148	67	18.72	0.45			
646	SURYA	11	M	7	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	38	145	58	18.07	0.40			
647	NIRMAL	11	M	7	G	42	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	25	132	55	14.35	0.42			
648	SARATHKUMAR	11	M	7	G	42	MS	S	31	PS	US	C	P	2	5	H	2	0	I	10.00	9.00	CLASS 3	37	146	62	17.36	0.42			
649	MURALI	11	M	7	G	34	MS	S	36	MS	S	B	P	1	4	UH	2	1	O	11.00	6.00	CLASS 3	44	150	69	19.56	0.46		OBESE	
650	CHANDRAN	11	M	7	G	40	MS	S	30	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	34	144	61	16.40	0.42			
651	AJITH	11	M	7	G	42	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	40	151	57	17.54	0.38			
652	VIJAY	11	M	7	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	28	137	56	14.92	0.41			
653	VIGNESWARAN	11	M	7	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	44	151	66	19.30	0.44			
654	HARI BASKAR	11	M	7	G	38	PS	S	32	MS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	35	145	50	16.65	0.34			
655	HARIHARAN	11	M	7	G	35	MS	S	30	MS	US	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 4	40	147	67	18.51	0.46			
656	GNAVEL	11	M	7	G	46	MS	S	36	HS	UE	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	45	148	70	20.54	0.47		OBESE	
657	IMANUEL	11	M	7	G	41	PS	S	43	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	42	151	66	18.42	0.44			
658	SABARISH	11	M	7	G	33	PHS	S	32	HS	UE	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	38	148	64	17.35	0.43			
659	PRADEEP	11	M	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	31	139	54	16.04	0.39			
660	SRIMAN	11	M	7	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	35	140	58	17.86	0.41			
661	PRASANTH	11	M	7	G	50	MPS	UE	49	PS	US	B	P	1	5	UH	1	1	O	10.00	6.00	CLASS 4	33	140	60	16.84	0.43			
662	JAYALAKSHMI	11	F	7	G	45	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	26	136	56	14.06	0.41			
663	SANGEETHA	11	F	7	G	47	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	31	139	55	16.04	0.40			
664	NEERJAHAN	11	F	7	G	42	PHS	S	37	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	32	148	57	14.61	0.39			
665	SABEENA	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	I	8.00	7.00	CLASS 3	51	145	72	24.26	0.50	OBESE	OBESE	OBESE
666	PARIMALA	11	F	7	G	38	PS	S	32	MS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	39	150	64	17.33	0.43			
667	SANDHYA	11	F	7	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	38	157	64	15.42	0.41			
668	RENUKA	11	F	7	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	34	143	61	16.63	0.43			
669	PRADEEPA	11	F	7	G	39	PHS	S	38	MS	UE	C	P	1	4	H	1	1	O	9.30	5.30	CLASS 3	45	156	63	18.49	0.40			
670	AARTHI	11	F	7	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	41	149	69	18.47	0.46		OBESE	
671	AMBIKA	11	F	7	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	44	144	65	21.22	0.45			
672	MALARKODI	11	F	7	G	37	PHS	S	30	HS	UE	C	P	1	5	H	2	1	O	8.00	6.00	CLASS 3	30	143	56	14.67	0.39			
673	MEENA	11	F	7	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	36	155	63	14.98	0.41			
674	TAMILARASI	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	UH	3	2	I	8.00	7.00	CLASS 3	60	163	79	22.58	0.48	OBESE	OBESE	
675	KAVITHA	11	F	7	G	45	MS	S	31	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	32	138	59	16.80	0.43			
676	GAYATHRI	11	F	7	G	42	D	S	36	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	34	148	59	15.52	0.40			

677	INDHUMATHI	11	F	7	G	45	PHS	F	37	MS	US	B	P	1	4	H	2	0	O	10.00	6.00	CLASS 3	40	150	62	17.78	0.41			
678	PRIYADHARSHINI	11	F	7	G	38	HS	S	36	MS	S	C	P	2	5	UH	9	3	I	10.00	6.00	CLASS 3	40	144	73	19.29	0.51		OBESE	OBESE
679	BRINDHA	11	F	7	G	37	HS	S	36	HS	UE	C	P	1	5	UH	1	1	I	11.00	5.00	CLASS 3	36	136	60	19.46	0.44			
680	FATHEEMA	11	F	7	G	37	HS	US	33	PHS	UE	B	P	1	4	H	6	3	I	9.00	6.00	CLASS 4	40	148	64	18.26	0.43			
681	BRINDHADEVI	11	F	7	G	42	PS	S	40	HS	S	C	P	3	6	UH	1	1	I	9.00	4.00	CLASS 3	45	148	70	20.54	0.47		OBESE	
682	MELBHA	11	F	7	G	36	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	35	157	62	14.20	0.39			
683	JAYA	11	F	7	G	43	HS	S	34	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	36	146	62	16.89	0.42			
684	ANUSHIYA	11	F	7	G	40	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	37	149	56	16.67	0.38			
685	BAKYALAKSHMI	11	F	7	G	37	HS	S	36	PHS	UE	C	P	1	5	UH	2	1	O	11.00	4.00	CLASS 3	35	141	62	17.60	0.44			
686	POOMATHI	11	F	7	G	37	PHS	S	30	HS	UE	C	P	1	5	UH	2	1	O	8.00	6.00	CLASS 3	45	158	63	18.03	0.40			
687	NITHYA	11	F	7	G	36	MS	US	35	MS	US	B	P	2	5	UH	12	3	I	9.00	6.00	CLASS 4	33	144	64	15.91	0.44			
688	ANITHA	11	F	7	G	36	MS	US	35	MS	US	C	P	2	5	UH	12	3	O	9.00	6.00	CLASS 4	35	158	62	14.02	0.39			
689	NANTHINI	11	F	7	G	40	IL	US	35	IL	US	B	P	2	5	UH	12	3	I	9.00	6.00	CLASS 4	42	150	71	18.67	0.47		OBESE	
690	DIVYA	11	F	7	G	34	MS	S	33	PHS	UE	C	P	1	4	H	2	1	O	8.30	6.00	CLASS 3	45	148	60	20.54	0.41			
691	AROKIYAMERI	11	F	7	G	40	MS	S	38	MS	UE	B	P	2	5	H	2	1	O	9.30	6.00	CLASS 3	35	144	56	16.88	0.39			
692	JAYANTHI	11	F	7	G	38	HS	S	37	PHS	S	C	P	1	5	UH	2	1	O	11.00	6.00	CLASS 3	33	143	58	16.14	0.41			
693	POORNIMA	11	F	7	G	40	HS	US	35	MS	US	B	P	0	3	H	12	3	I	8.00	6.00	CLASS 4	44	159	62	17.40	0.39			
694	ABIRAMI	11	F	7	G	40	HS	S	32	HS	S	B	GP	1	4	UH	2	1	I	9.30	7.00	CLASS 4	43	149	74	19.37	0.50		OBESE	OBESE
695	VASANTHI	11	F	7	G	40	HS	S	32	HS	S	B	GP	1	4	H	1	1	O	9.30	7.00	CLASS 4	44	156	64	18.08	0.41			
696	SRUTHI	11	F	7	G	38	PHS	US	35	MS	UE	B	P	1	6	UH	6	3	I	9.00	6.00	CLASS 4	36	160	62	14.06	0.39			
697	RADHIKA	11	F	7	G	37	PS	US	32	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	39	151	61	17.10	0.40			
698	POONKOTHAI	11	F	7	G	39	PS	US	36	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	45	156	64	18.49	0.41			
699	SIVAKAMI	11	F	7	G	40	MS	US	32	MHS	UE	B	P	1	6	UH	6	2	I	9.00	6.00	CLASS 4	39	143	62	19.07	0.43			
700	REVATHI	11	F	7	G	36	MS	S	35	HS	S	C	P	1	4	-	0	0	O	9.00	6.00	CLASS 3	40	155	59	16.65	0.38			
701	PRABHADEVI	11	F	7	G	34	PHS	S	23	HS	S	B	P	2	5	-	0	0	I	11.00	6.00	CLASS 3	40	152	64	17.31	0.42			
702	VIGNESWARI	11	F	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	I	10.00	6.00	CLASS 3	41	148	73	18.72	0.49		OBESE	
703	BANUPRIYA	11	F	7	G	42	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	35	156	63	14.38	0.40			
704	LAKSHMI	11	F	7	G	44	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	40	138	61	21.00	0.44			
705	SANTHI	11	F	7	G	38	MS	S	35	HS	S	C	P	1	4	UH	1	1	O	10.00	6.00	CLASS 3	38	149	63	17.12	0.42			
706	ISWARIYA	11	F	7	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	6	3	I	9.00	6.00	CLASS 4	37	155	64	15.40	0.41			
707	AYSHA	11	F	7	G	34	D	P	32	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	34	146	58	15.95	0.40			
708	LOGESWARI	11	F	7	G	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	46	157	65	18.66	0.41			
709	ANDAL	11	F	7	G	40	PHS	F	38	HS	S	C	P	1	4	UH	2	1	O	9.30	6.00	CLASS 3	34	144	57	16.40	0.40			
710	MONISHA	11	F	7	G	43	MS	S	33	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	36	145	63	17.12	0.43			

711	RANI	11	F	7	G	39	MS	S	36	HS	S	C	P	1	4	UH	3	1	I	10.00	6.00	CLASS 3	48	147	75	22.21	0.51		OBESE	OBESE
712	DHARANI	11	F	7	P	40	MS	S	31	MS	S	D	P	1	4	UH	2	1	I	9.00	6.00	CLASS 3	31	138	59	16.28	0.43			
713	SHUBIKHPRIYA	11	F	7	P	40	PHS	S	35	MS	UE	C	P	1	4	UH	4	2	I	9.30	6.00	CLASS 3	51	148	74	23.28	0.50	OBESE	OBESE	OBESE
714	DEEPIKA	11	F	7	P	42	HS	F	38	MS	UE	D	P	1	6	H	0	0	O	10.00	4.30	CLASS 3	36	145	62	17.12	0.43			
715	ANUSHIYA	11	F	7	P	39	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 2	36	157	62	14.61	0.39			
716	DEEPA SREE	11	F	7	P	45	HS	F	40	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	46	146	65	21.58	0.45			
717	GAYATHRI	11	F	7	P	42	HS	F	40	D	UE	F	P	1	4	UH	3	1	I	10.00	6.30	CLASS 2	47	156	73	19.31	0.47		OBESE	
718	PREETHI	11	F	7	P	42	HS	F	31	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 2	33	139	59	17.08	0.42			
719	HARINI	11	F	7	P	52	HS	P	45	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	35	146	62	16.42	0.42			
720	SUDHARSHANA	11	F	7	P	40	PHS	S	38	MS	UE	C	P	1	4	UH	1	1	O	9.30	5.30	CLASS 3	44	156	64	18.08	0.41			
721	ISWARIYA	11	F	7	P	55	PHS	F	50	HS	UE	G	P	0	3	UH	6	2	I	10.30	7.00	CLASS 2	53	144	73	25.56	0.51	OBESE	OBESE	OBESE
722	SNEHA SREE	11	F	7	P	45	HS	F	43	D	UE	E	P	0	3	H	3	1	I	10.30	7.30	CLASS 2	45	143	74	22.01	0.52		OBESE	OBESE
723	RITHIKA	11	F	7	P	42	PHS	F	37	PHS	UE	E	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	37	147	64	17.12	0.44			
724	AKANIYA	11	F	7	P	41	D	F	35	D	UE	F	P	1	4	UH	0	0	I	10.30	4.00	CLASS 2	34	137	58	18.11	0.42			
725	SYAMVARTHINI	11	F	7	P	54	HS	S	49	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	39	158	64	15.62	0.41			
726	BRINDHASHREE	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	43	156	65	17.67	0.42			
727	DIVYA PRABHA	11	F	7	P	38	PHS	F	32	PHS	F	G	P	1	4	H	4	0	O	11.00	4.00	CLASS 2	46	157	65	18.66	0.41			
728	JAYSNEHA	11	F	7	P	55	HS	P	51	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	41	148	64	18.72	0.43			
729	KANISHKA	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	45	158	64	18.03	0.41			
730	KRITHIKA	11	F	7	P	44	HS	F	34	PHS	UE	G	P	1	4	H	0	0	I	10.00	6.00	CLASS 3	48	150	70	21.33	0.47		OBESE	
731	SAVEETHA	11	F	7	P	42	HS	S	36	PHS	F	F	P	1	4	UH	1	2	I	10.00	6.15	CLASS 3	44	147	75	20.36	0.51		OBESE	OBESE
732	SRIHARINI	11	F	7	P	40	D	F	37	D	P	G	P	1	6	H	0	0	O	10.00	5.30	CLASS 2	38	154	63	16.02	0.41			
733	SANGAMITHRA	11	F	7	P	38	D	F	37	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	45	157	63	18.26	0.40			
734	SANGAVI	11	F	7	P	40	PHS	F	36	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	40	147	64	18.51	0.44			
735	SHOBIKA	11	F	7	P	38	D	F	35	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	44	157	63	17.85	0.40			
736	PREETHI	11	F	7	P	41	PHS	F	30	HS	UE	F	P	1	4	UH	0	2	1	11.30	6.00	CLASS 3	52	154	71	21.93	0.46		OBESE	
737	HARINI NIVETHA	11	F	7	P	48	D	P	43	PHS	UE	F	P	1	4	H	2	0	O	12.00	4.00	CLASS 2	36	156	62	14.79	0.40			
738	POOJA	11	F	7	P	57	D	P	54	HS	UE	F	P	0	3	H	0	0	I	11.30	5.00	CLASS 2	40	150	63	17.78	0.42			
739	PRITHVI	11	F	7	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	42	155	62	17.48	0.40			
740	SRUTHILAKSHMI	11	F	7	P	43	D	P	40	D	SP	G	P	0	3	H	2	1	I	9.00	6.45	CLASS 1	50	146	73	23.46	0.50	OBESE	OBESE	OBESE
741	JANANI	11	F	7	P	43	HS	P	36	HS	UE	F	P	1	4	H	2	1	I	9.30	5.00	CLASS 2	37	145	63	17.60	0.43			
742	SWETHA	11	F	7	P	38	D	F	36	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	38	146	61	17.83	0.42			
743	DURGA	11	F	7	P	43	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 1	42	146	65	19.70	0.45			
744	SHARMILA	11	F	7	P	48	HS	S	45	PHS	UE	D	P	1	4	H	3	1	O	10.00	4.45	CLASS 2	42	156	62	17.26	0.40			

745	SHUBIKSHA	11	F	7	P	48	PHS	S	43	PHS	-	F	P	1	3	H	3	2	I	11.00	5.30	CLASS 3	42	148	70	19.17	0.47		OBESE	
746	SUJI	11	F	7	P	53	HS	P	47	D	UE	F	P	0	3	UH	6	1	O	11.00	7.00	CLASS 2	45	156	64	18.49	0.41			
747	DEEPA	11	F	7	P	48	D	P	43	HS	UE	F	P	1	4	UH	2	1	O	12.00	4.30	CLASS 2	36	145	62	17.12	0.43			
748	DIVYA	11	F	7	P	50	D	F	41	PHS	UE	G	P	1	4	UH	0	0	O	10.30	4.00	CLASS 2	37	147	64	17.12	0.44			
749	MANISHA	11	F	7	P	50	D	F	42	D	SP	G	P	1	4	UH	0	0	O	11.30	5.00	CLASS 2	45	154	66	18.97	0.43			
750	HASMA	11	F	7	P	39	PHS	P	36	D	UE	G	P	1	4	H	4	1	O	10.30	4.00	CLASS 2	46	150	65	20.44	0.43			
751	AYSHA SAHANI	11	F	7	P	45	HS	P	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	35	156	61	14.38	0.39			
752	VEDHA	11	F	7	P	40	PHS	F	40	D	P	P	P	1	4	UH	2	2	I	11.00	7.00	CLASS 2	49	152	71	21.21	0.47		OBESE	
753	ROSHIMI	11	F	7	P	42	D	P	37	D	UE	G	P	1	4	UH	2	2	O	10.00	5.00	CLASS 1	42	148	63	19.17	0.43			
754	NIKITHA	11	F	7	P	45	D	F	39	D	UE	G	G	1	5	UH	0	0	O	11.00	5.00	CLASS 2	33	140	61	16.84	0.44			
755	RESHMA	11	F	7	P	44	D	SP	42	D	UE	E	P	1	4	UH	1	1	O	11.00	4.00	CLASS 2	43	156	64	17.67	0.41			
756	ANJALIN	11	F	7	P	38	D	F	35	PHS	UE	G	P	0	3	UH	6	2	I	9.30	8.00	CLASS 2	50	146	73	23.46	0.50		OBESE	OBESE
757	GEETHANJALI	11	F	7	P	40	PHS	F	33	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	41	152	63	17.75	0.41			
758	SREYA	11	F	7	P	45	HS	F	41	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	38	146	63	17.83	0.43			
759	SNEHA	11	F	7	P	40	PHS	F	38	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	46	159	64	18.20	0.40			
760	JANARAKSHA	11	F	7	P	40	PHS	F	35	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	60	150	76	26.67	0.51			
761	ABI NANDHANA	11	F	7	P	38	D	F	33	PHS	F	G	P	0	3	UH	6	2	I	9.30	8.00	CLASS 2	48	140	70	24.49	0.50	OBESE	OBESE	OBESE
762	HARISH	12	M	8	G	45	MS	F	42	MS	S	C	P	1	4	UH	3	2	O	11.00	6.00	CLASS 3	58	145	72	27.59	0.50	OBESE	OBESE	OBESE
763	ASHOKKUMAR	12	M	8	G	42	MS	S	36	MS	US	C	P	1	5	UH	2	0	O	9.00	6.00	CLASS 4	33	143	59	16.14	0.41			
764	RAMACHANDRAN	12	M	8	G	48	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	40	149	65	18.02	0.44			
765	PREMNATH	12	M	8	G	43	PS	S	39	IL	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	43	154	64	18.13	0.42			
766	DHANAPAL	12	M	8	G	45	PS	UE	31	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	39	147	64	18.05	0.44			
767	GOBINATH	12	M	8	G	40	PS	S	33	PS	S	B	P	1	3	H	3	2	O	10.00	4.30	CLASS 4	44	156	66	18.08	0.42			
768	GOWTHAM	12	M	8	G	38	MS	S	32	MS	US	C	P	1	4	H	2	1	O	10.00	6.00	CLASS 3	35	146	58	16.42	0.40			
769	GURUSAMY	12	M	8	G	39	D	F	35	MS	F	C	P	2	5	UH	3	2	2	10.30	6.30	CLASS 3	46	153	73	19.65	0.48		OBESE	
770	SEKAR	12	M	8	G	45	MS	SS	36	PS	S	B	P	1	4	UH	5	3	I	8.00	6.00	CLASS 4	49	158	68	19.63	0.43			
771	VENKATESH	12	M	8	G	47	D	S	40	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	48	154	69	20.24	0.45			
772	BHARATHI	12	M	8	G	41	HS	S	38	PS	SS	B	P	1	4	UH	2	2	I	11.00	7.00	CLASS 4	49	157	74	19.88	0.47		OBESE	
773	RAJKUMAR	12	M	8	G	43	PS	S	40	HS	S	C	P	3	6	H	1	1	O	9.00	4.00	CLASS 3	41	153	63	17.51	0.41			
774	MATHIAZHAGAN	12	M	8	G	44	PS	S	39	PS	US	C	P	1	4	UH	1	1	O	9.00	7.00	CLASS 3	42	153	65	17.94	0.42			
775	BOOPATHI	12	M	8	G	45	PS	UE	41	IL	S	B	P	1	3	UH	1	1	O	10.00	7.00	CLASS 4	34	145	58	16.17	0.40			
776	ANDANI	12	M	8	G	48	PS	S	43	MS	S	B	P	2	4	H	3	2	O	10.00	4.30	CLASS 3	45	156	69	18.49	0.44			
777	PRABHAKARAN	12	M	8	G	36	PS	S	35	PS	UE	B	P	2	5	H	2	1	O	10.00	8.00	CLASS 4	48	156	68	19.72	0.44			
778	SARAVANAKUMAR	12	M	8	G	38	HS	S	35	HS	S	C	P	2	5	UH	2	1	I	10.00	6.00	CLASS 3	34	145	59	16.17	0.41			

779	PRAMESHWARI	12	F	8	G	42	PS	S	40	HS	US	C	P	1	4	-	1	0	O	6.00	5.00	CLASS 3	35	143	61	17.12	0.43			
780	ANANTHI	12	F	8	G	35	PHS	S	32	HS	S	C	P	1	5	UH	1	0	O	10.00	7.00	CLASS 3	39	146	64	18.30	0.44			
781	POTKODI	12	F	8	G	43	HS	S	38	HS	S	B	P	2	5	H	0	0	O	8.00	7.00	CLASS 3	40	147	66	18.51	0.45			
782	POOVINA	12	F	8	G	39	MS	S	37	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	47	154	70	19.82	0.45			
783	GOMATHI	12	F	8	G	50	MPS	UE	47	PS	US	S	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	49	157	70	19.88	0.45			
784	CHITHRA	12	F	8	G	48	MS	S	45	PS	F	B	P	1	4	UH	5	3	I	11.30	6.30	CLASS 4	55	150	75	24.44	0.50	OBESE	OBESE	OBESE
785	KASTHURI	12	F	8	G	46	D	S	42	HS	S	D	P	1	5	UH	4.3	1	I	11.30	7.00	CLASS 3	46	153	72	19.65	0.47		OBESE	
786	NIRMALA	12	F	8	G	43	PHS	S	40	MS	US	B	P	1	4	UH	2	0	O	10.00	6.00	CLASS 3	46	160	63	17.97	0.39			
787	RADHAMANI	12	F	8	G	48	MPS	P	41	PS	US	C	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	43	146	60	20.17	0.41			
788	NIKILA	12	F	8	G	37	HS	S	31	HS	S	C	P	0	5	UH	1	1	I	9.45	7.00	CLASS 3	38	149	63	17.12	0.42			
789	KALPANA	12	F	8	G	39	PS	S	33	MS	S	B	P	1	3	H	3	2	I	10.00	6.30	CLASS 4	48	146	74	22.52	0.51		OBESE	OBESE
790	SHINY	12	F	8	G	40	MS	S	38	MS	UE	B	P	1	4	UH	2	1	O	10.00	8.00	CLASS 4	43	150	66	19.11	0.44			
791	SANJANA	12	F	8	G	37	D	P	35	PHS	S	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 3	40	163	64	15.06	0.39			
792	KAVITHA	12	F	8	G	39	PHS	S	38	MS	S	C	P	1	4	H	1	1	O	9.30	5.30	CLASS 3	33	142	60	16.37	0.42			
793	MALATHI	12	F	8	G	38	MS	S	35	MS	UE	C	P	0	3	UH	2	1	I	9.30	6.00	CLASS 3	47	154	69	19.82	0.45			
794	SATHYA	12	F	8	G	49	MPS	S	47	PS	US	S	P	2	6	UH	1	1	O	10.00	6.00	CLASS 3	43	155	62	17.90	0.40			
795	INDRANI	12	F	8	G	38	PHS	US	35	MS	US	B	P	1	6	UH	4.3	2	I	10.00	7.00	CLASS 4	56	147	74	25.92	0.50	OBESE	OBESE	OBESE
796	MARRISH	12	F	8	G	37	PS	US	35	PS	UE	A	P	1	4	UH	2	1	I	8.00	6.30	CLASS 4	41	148	67	18.72	0.45			
797	GEETHARANI	12	F	8	G	33	PS	US	32	PS	US	A	P	1	4	UH	3	1	I	10.00	6.00	CLASS 4	45	155	68	18.73	0.44			
798	KALYANI	12	F	8	G	40	MS	US	35	MHS	UE	B	P	1	6	UH	4	2	I	11.00	7.00	CLASS 4	50	154	73	21.08	0.47		OBESE	
799	GEETHAMANI	12	F	8	G	36	MS	S	33	HS	S	C	P	1	4	H	0	0	O	9.00	6.00	CLASS 3	45	155	68	18.73	0.44			
800	RAJAMANI	12	F	8	G	37	PHS	S	35	HS	S	B	P	2	5	H	0	0	I	11.00	6.00	CLASS 3	41	148	67	18.72	0.45			
801	RAJESWARI	12	F	8	G	44	HS	US	40	MS	UE	B	P	1	5	UH	5	3	I	9.00	7.00	CLASS 4	41	144	61	19.77	0.42			
802	RASHITHA	12	F	8	G	45	MS	US	41	PS	UE	B	P	1	4	UH	2	1	I	8.00	6.00	CLASS 4	47	154	70	19.82	0.45			
803	RAMYA	12	F	8	G	45	HS	F	44	PS	UE	C	P	1	4	UH	1	1	I	10.00	6.30	CLASS 3	42	149	65	18.92	0.44			
804	RAGAVI	12	F	8	G	42	PHS	S	39	HS	S	C	P	1	4	UH	2	1	I	10.15	6.45	CLASS 3	44	151	70	19.30	0.46			
805	SINSHYA	12	F	8	G	50	HS	S	45	HS	UE	C	P	1	7	UH	1	1	I	11.00	5.00	CLASS 3	43	154	66	18.13	0.43			
806	STEFI	12	F	8	G	35	HS	US	33	PHS	UE	B	P	1	4	UH	5	2	I	10.30	6.00	CLASS 4	49	155	73	20.40	0.47		OBESE	
807	SHOBANA	12	F	8	G	45	D	S	35	PHS	UE	C	P	1	5	UH	2	1	O	12.30	4.00	CLASS 4	43	155	66	17.90	0.43			
808	AMBIKA	12	F	8	G	40	PHS	S	38	MS	S	C	P	1	4	UH	1	1	I	9.30	5.30	CLASS 3	42	149	68	18.92	0.46			
809	BHUVANESHWARI	12	F	8	G	42	PHS	F	37	HS	S	C	P	1	4	UH	2	1	I	9.30	6.00	CLASS 3	34	142	59	16.86	0.42			
810	AMUTHA	12	F	8	G	37	HS	SS	36	PHS	UE	B	P	1	5	UH	2	1	I	11.00	4.00	CLASS4	47	154	69	19.82	0.45			
811	DEVIPRIYA	12	F	8	G	37	PHS	S	32	HS	UE	C	P	1	5	UH	2	1	I	8.00	6.00	CLASS 3	45	156	68	18.49	0.44			
812	POONGAVANAM	12	F	8	G	51	MS	US	48	MS	US	B	P	1	6	UH	3	1	O	9.00	6.00	CLASS 4	40	152	67	17.31	0.44			

813	PRATHIKSHA	12	F	8	G	36	MS	US	34	MS	US	C	P	2	5	UH	4	1	I	11.00	6.45	CLASS 4	44	154	72	18.55	0.47		OBESE	
814	POORVIKA	12	F	8	G	60	IL	US	52	IL	US	B	P	2	5	UH	2	1	O	9.00	6.00	CLASS 4	42	155	64	17.48	0.41			
815	KEERTHANA	12	F	8	G	34	MS	S	33	PHS	S	C	P	1	4	UH	2	1	O	8.30	6.00	CLASS 3	45	156	70	18.49	0.45			
816	MADHUMITHA	12	F	8	G	40	MS	S	38	MS	UE	B	P	2	5	UH	2	1	O	9.30	6.00	CLASS 3	47	155	69	19.56	0.45			
817	MANJULA	12	F	8	G	38	PHS	S	37	PHS	S	C	P	1	5	UH	3	1	I	11.00	6.30	CLASS 3	48	146	74	22.52	0.51		OBESE	OBESE
818	NADHIYA	12	F	8	G	40	PHS	S	38	MS	S	C	P	1	4	UH	1	1	I	9.30	5.30	CLASS 3	32	141	58	16.10	0.41			
819	AMURTHAVARSHINI	12	F	8	P	38	HS	F	36	PHS	UE	F	P	0	3	UH	3	2	I	9.30	6.30	CLASS 2	60	153	76	25.63	0.50	OBESE	OBESE	OBESE
820	MONIKA	12	F	8	P	41	PHS	F	37	PHS	UE	E	P	1	4	UH	2	2	I	10.30	6.00	CLASS 2	46	153	72	19.65	0.47		OBESE	
821	SREEDEVI	12	F	8	P	40	D	F	35	D	UE	F	P	1	4	UH	0	0	I	10.30	4.00	CLASS 2	38	146	65	17.83	0.45			
822	HEMALATHA	12	F	8	P	48	HS	S	43	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	47	154	70	19.82	0.45			
823	SANDHYA	12	F	8	P	37	D	F	35	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	35	141	61	17.60	0.43			
824	NEERAJA	12	F	8	P	35	PHS	F	32	PHS	F	G	P	1	4	H	4	0	O	11.00	4.00	CLASS 2	45	155	68	18.73	0.44			
825	SREEJA	12	F	8	P	45	HS	P	42	D	UE	F	P	0	3	UH	6	2	I	11.00	7.00	CLASS 2	58	155	79	24.14	0.51	OBESE	OBESE	OBESE
826	SASHMITHA	12	F	8	P	38	D	F	36	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	47	154	68	19.82	0.44			
827	SUJITHA	12	F	8	P	45	PHS	F	37	PHS	UE	G	P	1	4	H	5	3	O	11.30	6.00	CLASS 2	37	144	66	17.84	0.46			
828	INDHUMATHI	12	F	8	P	42	HS	F	38	D	UE	G	P	0	3	UH	6	3	O	11.00	5.30	CLASS 2	43	152	66	18.61	0.43			
829	SIVARANJANI	12	F	8	P	41	P	F	39	PHS	F	F	P	1	4	UH	5	2	I	10.30	7.00	CLASS 2	49	156	73	20.13	0.47		OBESE	
830	NIVEETHITHA	12	F	8	P	42	P	F	40	HS	UE	D	P	1	4	H	6	3	I	10.00	6.30	CLASS 2	45	155	69	18.73	0.45			
831	YAMINI	12	F	8	P	44	D	P	40	D	UE	G	P	1	4	H	3	1	O	11.30	6.00	CLASS 1	46	157	68	18.66	0.43			
832	DHANALAKSHMI	12	F	8	P	45	D	F	43	D	F	F	P	1	5	UH	3	1	I	11.00	7.00	CLASS 2	44	142	72	21.82	0.51		OBESE	OBESE
833	DHAKSHAWA SHREE	12	F	8	P	41	HS	F	38	HS	UE	G	P	1	4	UH	2	1	O	11.30	5.30	CLASS 3	42	153	67	17.94	0.44			
834	HEMA SHREE	12	F	8	P	39	HS	F	36	PHS	UE	H	P	1	4	H	1	0	O	9.30	5.00	CLASS 2	34	144	60	16.40	0.42			
835	KARUNYA	12	F	8	P	38	D	F	34	PHS	UE	G	P	0	3	UH	6	2	O	9.30	8.00	CLASS 2	46	157	66	18.66	0.42			
836	MADHUMITHA	12	F	8	P	48	P	P	45	D	P	F	P	0	3	UH	6	2	I	11.00	7.00	CLASS 2	48	156	72	19.72	0.46		OBESE	
837	RANJANI	12	F	8	P	54	HS	S	49	PHS	UE	G	P	0	3	UH	3	0	O	11.30	4.00	CLASS 2	43	155	68	17.90	0.44			
838	SUSHMITHA	12	F	8	P	43	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS 1	36	148	63	16.44	0.43			
839	SAVENYA	12	F	8	P	45	HS	F	40	PHS	UE	D	P	1	4	H	3	1	O	10.00	4.45	CLASS 2	44	154	67	18.55	0.44			
840	SHRUTHI	12	F	8	P	40	PG	P	32	PG	P	G	P	1	4	UH	3	1	I	10.00	6.30	CLASS 1	56	150	76	24.89	0.51	OBESE	OBESE	OBESE
841	CHANDRIKA	12	F	8	P	45	HS	F	36	MS	UE	D	P	1	6	H	0	0	O	10.00	4.30	CLASS 3	42	149	69	18.92	0.46			
842	KARPAGA PRIYA	12	F	8	P	39	D	F	36	D	UE	G	P	1	4	H	0	0	I	10.00	5.00	CLASS3	41	147	66	18.97	0.45			
843	INDHUMATHI	12	F	8	P	45	HS	F	41	PHS	UE	G	P	2	5	H	0	0	O	9.30	4.45	CLASS 2	32	143	59	15.65	0.41			
844	SUJITHA	12	F	8	P	42	HS	F	32	PHS	UE	F	P	1	4	UH	3	2	I	10.00	4.30	CLASS 2	42	150	66	18.67	0.44			
845	JAYASHREE	12	F	8	P	42	HS	F	31	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 3	39	150	62	17.33	0.41			
846	VISHALAKSHI	12	F	8	P	43	PHS	S	37	PHS	UE	F	P	2	6	H	1	1	O	10.00	5.00	CLASS 2	47	156	69	19.31	0.44			

847	HARINI	12	F	8	P	43	PHS	F	40	PHS	F	F	P	1	4	UH	3	1	I	10.00	7.00	CLASS 2	48	146	74	22.52	0.51		OBESE	OBESE
848	KARTHIKEYINI	12	F	8	P	37	D	F	33	D	F	F	P	1	4	H	3	2	I	10.00	6.30	CLASS 2	49	155	73	20.40	0.47		OBESE	
849	SUJITHRA	12	F	8	P	42	D	F	38	PHS	UE	F	P	1	4	UH	3	1	O	10.30	6.00	CLASS 2	40	153	65	17.09	0.42			
850	SUKITHA	12	F	8	P	46	HS	S	38	D	UE	C	P	1	4	H	1	1	O	10.30	5.30	CLASS 4	45	154	69	18.97	0.45			
851	JANANI	12	F	8	P	40	PHS	F	35	D	P	P	P	1	4	UH	2	0	O	11.00	4.00	CLASS 2	34	140	61	17.35	0.44			
852	PRAVEENA	12	F	8	P	37	D	F	33	D	F	F	P	1	4	H	1	1	O	10.00	4.00	CLASS 2	46	154	70	19.40	0.45			
853	LAKSHNA	12	F	8	P	41	HS	F	39	PHS	UE	G	P	1	4	H	0	0	O	9.30	4.45	CLASS 2	41	156	65	16.85	0.42			
854	ANANYA	12	F	8	P	42	D	P	39	PHS	UE	F	P	1	4	UH	2	1	I	10.30	6.45	CLASS 3	50	155	73	20.81	0.47		OBESE	
855	RATHI DEVI	12	F	8	P	42	HS	F	35	MS	UE	F	P	1	5	H	0	0	O	10.00	5.00	CLASS 2	47	154	70	19.82	0.45			
856	RAGAVA SELVI	12	F	8	P	45	HS	P	40	D	PS	G	P	1	4	H	2	2	O	10.30	6.00	CLASS 2	40	146	66	18.77	0.45			
857	INDHRA	12	F	8	P	42	PHS	F	38	PHS	UE	G	P	1	4	H	4	2	I	10.30	6.30	CLASS 2	42	150	67	18.67	0.45			
858	AMIRTHA	12	F	8	P	42	PG	F	35	HS	S	G	P	0	3	UH	3	3	I	10.00	6.00	CLASS 2	44	154	72	18.55	0.47		OBESE	